Scientific Excellence • Resource Protection & Conservation • Benefits for Canadians
Excellence scientifique • Protection et conservation des ressources • Bénéfices aux Canadiens

Benthic invertebrates collected from the western Canadian Arctic, 1951 to 1985

E.G. Atkinson and J.W. Wacasey

Arctic Biological Station
Department of Fisheries and Oceans
Quebec Region

March 1989

Canadian Data Report of Fisheries and Aquatic Sciences No. 745

Fisheries and Oceans Pêches et Océans

Canada

Canadian Data Report of Fisheries and Aquatic Sciences

Data reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of data reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries and aquatic sciences.

Data reports are not intended for general distribution and the contents must not be referred to in other publications without prior written authorization from the issuing establishment. The correct citation appears above the abstract of each report. Data reports are abstracted in *Aquatic Sciences and Fisheries Abstracts* and indexed in the Department's annual index to scientific and technical publications.

Numbers 1–25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26–160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was introduced with the publication of report number 161.

Data reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out-of-stock reports will be supplied for a fee by commercial agents.

Rapport statistique canadien des sciences halieutiques et aquatiques

Les rapports statistiques servent à classer et à archiver les compilations de données pour lesquelles il y a peu ou point d'analyse. Ces compilations auront d'ordinaire été préparées à l'appui d'autres publications ou rapports. Les sujets des rapports statistiques reflètent la vaste gamme des intérêts et des politiques du ministère des Pêches et des Océans, c'est-à-dire les sciences halieutiques et aquatiques.

Les rapports statistiques ne sont pas destinés à une vaste distribution et leur contenu ne doit pas être mentionné dans une publication sans autorisation écrite préalable de l'établissement auteur. Le titre exact paraît au-dessus du résumé de chaque rapport. Les rapports statistiques sont résumés dans la revue *Résumés des sciences aquatiques et halieutiques*, et ils sont classés dans l'index annuel des publications scientifiques et techniques du Ministère.

Les numéros 1 à 25 de cette série ont été publiés à titre de relevés statistiques, Services des pêches et de la mer. Les numéros 26 à 160 ont été publiés à titre de rapports statistiques du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom actuel de la série a été établi lors de la parution du numéro 161.

Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Canadian Data Report of

Fisheries and Aquatic Sciences 745

March 1989

BENTHIC INVERTEBRATES COLLECTED FROM THE WESTERN CANADIAN ARCTIC, 1951 TO 1985

by

E.G. Atkinson and J.W. Wacasey

Arctic Biological Station of the
Institut Maurice-Lamontagne
Department of Fisheries and Oceans
555 Boul. St. Pierre
Ste-Anne-de-Bellevue, Québec
H9X 3R4

90-00203/

Minister of Supply and Services Canada 1989
Cat. No. Fs97-13/0745 ISSN 0706-6465

Correct citation for this publication:

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from the western Canadian Arctic, 1951 to 1985. Can. Data Rep. Fish. Aquat. Sci.: 745. iv + 132 p.

TABLE OF CONTENTS

ABSTRACT/RÉSUMÉ		iv
INTRODUCTION		1
ACKNOWLEDGEMENTS		3
REFERENCES		3
Table 1.	Species of benthic invertebrates collected from all stations covered in the report.	5
Part A:	Benthic invertebrates collected from the Beaufort Sea-Amundsen Gulf area, 1951 to 1985.	11
	Figure 1. Map of station locations in the Beaufort Sea-Amundsen Gulf area.	12
	Figure 2. Map of station locations around Herschel Island.	13
	Figure 3. Map of station locations in Franklin Bay and Darnley Bay.	13
	Figure 4. Map of station locations along the Tuktoyaktuk Peninsula, in Liverpool Bay and the Eskimo Lakes.	14
	Table 2. Coordinates of stations sampled.	15
	Table 3. Associated station data.	17
	Tables 4-98. Benthic invertebrates collected from individual stations.	21
Part B:	Benthic invertebrates collected from the Bathurst Inlet - Dease Strait area, 1957 to 1969.	74
	Figure 5. Map of station locations in the Bathurst Inlet - Dease Strait area.	75
	Figure 6. Map of station locations in eastern Dease Strait.	76
	Table 99. Coordinates of stations sampled.	77
	Table 100. Associated station data.	78
	Tables 101-143. Benthic invertebrates collected from individual stations.	80

ABSTRACT

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from the western Canadian Arctic, 1951 to 1985. Can. Data Rep. Fish. Aquat. Sci.: 745. iv + 132 p.

Tabulations of benthic invertebrates are provided for a total of 159 stations sampled in the Beaufort Sea-Amundsen Gulf and Bathurst Inlet-Dease Strait areas by the Arctic Unit of the Fisheries Research Board of Canada, now the Arctic Biological Station of the Department of Fisheries and Oceans, between 1951 and 1965. A total of 434 species are listed. Density, biomass and caloric equivalents are provided for some stations.

Key words: Benthos, benthic environment, marine invertebrates, distribution, Arctic Canada, Beaufort Sea.

RÉSUMÉ

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from the western Canadian Arctic, 1951 to 1985. Can. Data Rep. Fish. Aquat. Sci.: 745. iv + 132 p.

Des compilations des invertébrés benthiques sont produites pour un total de 159 stations échantillonnées dans les régions Mer de Beaufort-Golfe d'Amundsen et L'inlet Bathurst-Détroit de Dease par le groupe Arctic Unit de l'Office des Recherches sur les Pêcheries du Canada, maintenant la Station de Biologie Arctique du Ministère des Pêches et des Océans, entre 1951 et 1965. Un total de 434 espèces ont été identifiées. Mesures de la densité, de la biomasse et les équivalents calorifiques sont présentés pour quelques stations.

Mots clefs: Benthos, milieu benthique, invertébrés marins, distribution, Arctique canadien, Mer de Beaufort.

INTRODUCTION

This report contains lists of benthic invertebrates collected in the western Canadian Arctic between 1951 and 1985 by the Arctic Unit of the Fisheries Research Board of Canada, now the Arctic Biological Station of the Department of Fisheries and Oceans. Most samples were collected aboard the *MV Salvelinus* which operated primarily in the Beaufort Sea-Amundsen Gulf and Bathurst Inlet-Dease Strait areas.

Collections were made by dredge, trawl, grab, hand line, plankton net, dipnet, and by removing specimens brought up with the anchor. Intertidal sampling was done by hand and with dip nets. Most sampling was not quantitative, and since no special effort was made to retain meiofauna or microfauna, many small species are not included in the lists. Several stations, however, were sampled quantitatively by trawl or grab, and in the latter case samples were washed through a 0.5 mm mesh screen, thus retaining the majority of small species present.

The report has been divided into two sections: Part A lists invertebrates collected in the Beaufort Sea-Amundsen Gulf area and Part B those taken in the Bathurst Inlet-Dease Strait region. Each section contains maps showing station locations, tables of station coordinates and as much associated data (date, depth, time, temperature, salinity) as is available, and tables of species collected from individual stations. The latter are listed chronologically within each section, except for the following stations which have been grouped together at the end of Part B because they comprise a depth transect (5-53 m) in the same area (see Part B, Fig. 6): 68-118 a-d*, 66-1052 to 1055*, 67-0009*, 69-1002*, 65-1047, 66-0004, 67-1109, 69-1004. Stations indicated with an asterisk are quantitative; in addition to density values, estimates of biomass (as ash-

free dry weight) and caloric content are given in Tables 136-142. These have been derived from determinations of dry weight using factors given by Wacasey and Atkinson (1987). Species not represented in these stations but found in the four non-quantitative stations listed above are presented in Table 143.

A composite species list for both areas dealt with in the report has been compiled in Table 1 and for convenience has been placed immediately preceeding Part A. A total of 434 species are listed: 33% were common to both areas, 26% were found only in the Beaufort Sea-Amundsen Gulf collections and 41% were taken only in the Bathurst Inlet-Dease Strait samples. The apparent differences between the two regions are at least in part due to the quantitative sampling carried out in the latter, resulting in the retention of many more smaller species than in the former. A more balanced comparison of the two areas may be obtained by referring to previously published reports on extensive quantitative sampling conducted in the Beaufort Sea (Wacasey et. al. 1977) and the Eskimo Lakes (Wacasey 1974).

Some of the material presented here has already been treated in a number of publications which, in addition to those mentioned above, are listed under References. The names of some species reported in these papers have here been changed to conform to recent literature, but the former name is given in parentheses. Identifications of species not covered in previous publications were made by the authors and others in order to present complete listings of the benthic invertebrates collected at each station. Many of the specimens have been deposited in the National Museum of Natural History, Ottawa.

ACKNOWLEDGEMENTS

We thank the following individuals for identifying specimens not covered in the publications listed below: N. Jarrett, A. Mohammed, J. Lovrity and K. Rieman-Zerneck. L. Glasspoole and D. Moore helped in sorting some of the material and R. Clarke assisted in compiling and checking the lists. Dora Godard's care and patience in typing the report are greatly appreciated.

REFERENCES

Calder, D.R. 1970. Thecate hydroids from the shelf waters of northern Canada. J. Fish. Res. Board Can. 27:1501-1547.

_____. 1972. Some athecate hydroids from the shelf waters of northern Canada. J. Fish. Res. Board Can. 29:217-228.

Cory, S. 1981. Distribution of certain Arctic and Subarctic Cumacea in Canadian waters. Can. J. Zool. 59:1726-1733.

Grainger, E.H. 1966. Sea Stars (Echinodermata:Asteroidea) of Arctic North America. Bull. Fish. Res. Board Can. 152:70 p.

Hedgpeth, J.W. 1963. Pycnogonida of the North American Arctic. J. Fish. Res. Board Can. 20(5):1315-1348.

Laubitz, D.R. 1972. The Caprellidae (Crustacea, Amphipoda) of Atlantic and Arctic Canada. Natl. Mus. Nat. Sci. (Ottawa). Publ. Biol. Oceanogr. 4:82 p.

Lubinsky, I. 1972. The marine bivalve molluscs of the Canadian Arctic. McGill Univ. Ph.D. thesis. 318 + p.

_____. 1980. Marine bivalve molluscs of the Canadian central and eastern Arctic: faunal composition and zoogeography. Can. Bull. Fish. Aquat. Sci. 207:111 p.

Macpherson, E. 1971. The marine molluscs of Arctic Canada. Natl. Mus. Nat. Sci. (Ottawa). Publ. Biol. Oceanogr. 3:149 p.

Mercer, M.C. 1968. Systematics and biology of the sepiolid squids of the genus *Rossia* Owen, 1835 in Canadian waters with a preliminary review of the genus. Memorial Univ. Nfld. M.Sc. thesis. 96 p.

Powell, N.A. 1968. Bryozoa (Polyzoa) of Arctic Canada. J. Fish. Res. Board Can. 25(11):2269-2320.

Squires, H.J. 1969. Decapod Crustacea of the Beaufort Sea and arctic waters eastward to Cambridge Bay, 1960-65. J. Fish. Res. Board Can. 26:1899-1918.

Trason, W.B. 1964. Ascidians of the Canadian Arctic waters. J. Fish. Res. Board Can. 21(6):1505-1517.

Wacasey, J.W. 1974. Biological oceanographic observations in the Eskimo Lakes, Arctic Canada. I. Zoobenthos Data, 1971-1973. Fish. Mar. Serv. Tech. Rep. 475:69p.

Wacasey, J.W., E.G. Atkinson, L. Derick and A. Weinstein. 1977. Zoobenthos data from the southern Beaufort Sea, 1971-1975. Fish. Mar. Serv. Data Rep. 41:187 p.

Wacasey, J.W. and E.G. Atkinson. 1987. Energy values of marine benthic invertebrates from the Canadian Arctic. Mar. Ecol. Prog. Ser. 39:243-250.

Table 1. Species of benthic invertebrates collected from all stations covered in the report. Species designated with an "A" were sampled only in the Beaufort Sea-Amundsen gulf area (Part A of report) and those with a "B" were taken only in the Bathurst Inlet-Dease Strait area (Part B). Undesignated species were common to both areas.

Species		Species	
ANNELIDA Hirudinea (2 sp.)		ANNELIDA: Polychaeta	
Notostomum cyclostoma	B	*Gattyana cirrosa*	
Leech	B	*Glyphanostomum pallescens*	B
		Harmothoe extenuata	
ANNELIDA: Oligochaeta (1 sp.)		*Harmothoe imbricata*	
Enchytraeid	B	*Harmothoe nodosa*	
		Harmothoe oerstedi	B
ANNELIDA: Polychaeta (108 sps.)		*Heteromastus* sp.	B
Aglaophamus malmgreni		*Laonice cirrata*	B
Aglaophamus neotenus	B	*Laonome kroyeri*	B
Ammotrypane aulogaster	A	*Laphania boecki*	B
Ammotrypane cylindricaudatus	B	*Leaena abranchiata*	B
Ampharete acutifrons		*Leiochone borealis*	B
Ampharete arctica		*Leiochone polaris*	B
Ampharete vega	A	*Lumbrineris fragilis*	
Amphicteis gunneri	B	*Lumbrineris minuta*	
Amphitrite cirrata	B	*Lumbrineris tenuis*	B
Amphitrite groenlandica	B	*Lysippe labiata*	
Antinoella badia		*Maldane sarsi*	
Antinoella sarsi		*Melaenis loveni*	
Apistobranchus tullbergi	B	*Melinna cristata*	B
Aricidea jeffreysi	B	*Micronephthys minuta*	B
Aricidea suecica	B	*Myriochele heeri*	B
Artacama proboscidea	A	*Nephtys ciliata*	
Axiothella catenata		*Nephtys longosetosa*	B
Brada villosa	B	*Nephtys paradoxa*	B
Branchiomma infarcta		*Nereimyra aphroditoides*	
Capitella capitata	B	*Nereis pelagica*	A
Chaetozone setosa	B	*Nereis zonata*	
Chaetozone sp.	B	*Nicolea venustula*	B
Chone infundibuliformis		*Nicomache lumbricalis*	B
Chone sp.		*Nicomache quadrispinata*	B
Cirratulus cirratus		*Notomastus latericeus*	B
Cossura longocirrata	B	*Onuphis conchylega*	
Diplocirrus hirsutus	B	*Owenia fusiformis*	B
Diplocirrus longisetosus	B	*Paranaitis wahlbergi*	
Ephesiella biserealis	B	*Paraonis gracilis*	B
Ephesiella minuta	B	*Pectinaria hyperborea*	
Eteone flava		*Pectinaria granulata*	A
Eteone longa	B	*Pherusa plumosa*	B
Euchone analis	B	*Pholoe minuta*	B
Euchone papillosa		*Phyllodoce groenlandica*	
Eucranta villosa	A	*Pionosyllis* sp.	A
Eumida sp.	B	*Pista maculata*	
Exogone naidina		*Polycirrus medusa*	B
Exogone verugera	B	*Polydora caeca*	B
Flabelligera affinis		*Polydora caulleryi*	B

Table 1. Continued.

Species		Species	
ANNELIDA: Polychaeta		ARTHROPODA: Amphipoda	
Polydora quadrilobata	B	*Byblis gaimardi*	
Polyphysia crassa	B	*Byblis* sp.	A
Potamilla neglecta	B	*Corophium clarencense*	A
Praxillella affinis	B	*Epimeria loricata*	A
Praxillella praetermissa	B	*Gammaracanthus loricatus*	A
Prionospio cirrifera	B	*Gammarus oceanicus*	A
Prionospio steenstrupi	B	*Gammarus setosus*	
Pygospio elegans	B	*Gammarus wilkitzkii*	B
Rhodine loveni	B	*Haploops laevis*	
Sabellides borealis		*Haploops tubicola*	
Sabellides oculata	B	*Hippomedon propinquus*	B
Scalibregma inflatum		*Ischyrocerus latipes*	A
Scoloplos armiger		*Ischyrocerus stephenseni*	
Sphaerodorum gracile	B	*Lepidecreum umbo*	B
Spiochaetopterus typicus		*Melita quadrispinosa*	B
Spirorbis corrugatus?	B	*Menigratopsis svennilssoni*	B
Spirorbis sp.	B	*Monoculodes longirostris*	A
Sternaspis scutata	A	*Nototropis smitti*	B
Syllis fasciata	A	*Oediceros saginatus*	A
Terebellides stroemi		*Onisimus affinis*	B
Tharyx acutus	B	*Onisimus glacialis*	A
Travisia forbesi	B	*Onisimus litoralis*	A
Trichobranchus glacialis	B	*Orchomene pinguis*	
		Paramphithoe hystrix	
ARTHROPODA: Acarina (1 sp.)		*Paroediceros lynceus*	B
Mite	B	*Paroediceros* sp.	
		Pleustes panoplus	A
ARTHROPODA: Amphipoda (59 sps.)		*Pleusymtes pulchellus*	B
Acanthonotozoma cristatum	B	*Pontoporeia femorata*	
Acanthonotozoma inflatum	B	*Rhachotropis aculeata*	A
Acanthostepheia behringiensis	A	*Rhachotropis oculata*	B
Acanthostepheia malmgreni		*Rozinante fragilis*	A
Aceroides l. latipes	B	*Socarnes bidenticulatus*	
Aegenina longicornis	B	*Socarnes vahli*	B
Ampelisca eschrichti		*Stegocephalus inflatus*	
Ampelisca macrocephala	A	*Tmetonyx cicada*	
Anonyx debruyni	B	*Weyprechtia heuglini*	A
Anonyx lilljeborgi	B	*Weyprechtia pinguis*	
Anonyx makarovi	A		
Anonyx nugax		ARTHROPODA: Cirripedia (3 sps.)	
Apherusa megalops	B	*Balanus balanoides*	A
Arctopleustes glabricauda	A	*Balanus balanus*	
Arrhis phyllonyx		*Balanus crenatus*	
Atylus carinatus			
Atylus smitti	B	ARTHROPODA: Copepoda (1 sp.)	
Boeckosimus affinis	A	Copepod	B
Boeckosimus brevicaudatus	B		
Boeckosimus edwardsi	B		
Boeckosimus plautus	B		

Table 1. Continued.

Species		Species	
ARTHROPODA: Cumacea (15 sps.)		ARTHROPODA: Mysidacea (2 sps.)	
Brachydiastylis resima	B	*Mysis oculata*	B
Diastylis glabra	B	*Mysis relicta*	A
Diastylis goodsiri			
Diastylis oxyrhyncha	B	ARTHROPODA: Ostracoda (9 sps.)	
Diastylis rathkei		*Cyprideis sorbyana*	B
Diastylis scorpioides	B	*Cythereis dunelmensis*	B
Diastylis spinulosa	B	*Cythereis tuberculata*	B
Diastylis sp.	B	*Cythereis* sp.	B
Eudorella emarginata	B	*Cytheridea papillosa*	B
Eudorella truncatula	B	*Cytheridea punctillata*	B
Lamprops fuscata	B	*Cytheromorpha?* sp.	B
Leptostylis longimana	B	*Hemicythere* sp.	B
Leucon nasica		*Philomedes globosus*	B
Leucon nasicoides	B		
Leucon pallidus	B	ARTHROPODA: Pycnogonida (11 sps)	
ARTHROPODA: Decapoda (16 sps.)		*Boreonymphon abyssorum*	
Argis dentata		*Boreonymphon ossiansarsi*	
Chionoecetes opilio	A	*Boreonymphon robustum*	B
Eualus fabricii	B	*Colossendeis proboscidea*	
Eualus gaimardi		*Nymphon gracilipes*	A
Eualus gaimardi belcheri		*Nymphon grossipes*	A
Eualus macilentus	B	*Nymphon hirtipes*	
Eualus stoneyi	B	*Nymphon longitarse*	
Hyas coarctatus	A	*Nymphon mixtum*	B
Lebbeus groenlandicus	A	*Nymphon sluiteri*	
Lebbeus polaris		*Pseudopalene brevicollis*	
Pagurus pubescens	A		
Sabinea septemcarinata		ARTHROPODA: Tanaidacea (6 sps.)	
Sclerocrangon boreas	A	*Leptognathia sarsi*	B
Sclerocrangon ferox	A	*Leptognathia* sp.	B
Spirontocaris phippsi		*Leptognathia* sp.	B
Spirontocaris spinus		*Pseudotanais lilljeborgi*	B
		Pseudotanais macrocheles	B
ARTHROPODA: Isopoda (11 sps.)		*Typhlotanais finmarchicus*	B
Arcturus baffini	B		
Eugerda globiceps	B	ASCHELMINTHES: Nematoda (1 sp.)	
Gnathia elongata		Nematode	B
Gnathia maxillaris	B		
Mesidotea entomon		BRACHIOPODA (1 sp.)	
Mesidotea sabini	A	*Hemithyris psittacea*	
Mesidotea sibirica	A		
Munna kroyeri	B	CHORDATA: Ascidiacea (16 sps.)	
Munnopsis typica		*Ascidia callosa*	B
Munnopsurus gigantea	A	*Ascidia obliqua*	
Synidotea bicuspida	A	*Boltenia echinata*	A
		Ciona intestinalis	B
		Cnemidocarpa rhizopus	A
		Dendrodoa aggregata	A

Table 1. Continued.

Species		Species	
CHORDATA: Ascidiacea		ECHINODERMATA: Asteroidea	
Dendrodoa pulchella	A	*Pteraster militaris*	B
Didemnum albidum	B	*Pteraster obscurus*	A
Eugyra pedunculata	B	*Solaster papposus*	
Molgula griffithsi		*Urasterias lincki*	
Molgula siphonalis	A		
Pelonaia corrugata		ECHINODERMATA: Crinoidea (2 sps.)	
Rhizomolgula globularis		*Heliometra glacialis*	
Styela coriacea	A	*Poliometra prolixa*	A
Styela rustica	A		
Ascidian	A	ECHINODERMATA: Echinoidea (1 sp.)	
COELENTERATA: Anthozoa (10 sps.)		*Strongylocentrotus droebachiensis*	
Actinostola spetzbergensis	A		
Allantactis parasitica		ECHINODERMATA: Holothuroidea (8 sps.)	
Cerianthus sp.	B		
Drifa glomerata	B	*Cucumaria calcigera*	
Edwardsia sp.	B	*Cucumaria frondosa*	B
Gersemia rubiformis		*Molpadia arctica*	
Hormathia nodosa	A	*Myriotrochus rinki*	
Stomphia coccinea		*Psolus fabricii*	
Tealia felina	A	*Psolus phantapus*	
Anthozoan	B	*Thyonidium* sp.	B
		Holothuroid	
COELENTERATA: Hydrozoa (13 sps.)			
Campanularia volubilis	B	ECHINODERMATA: Ophiuroidea (8 sps.)	
Corymorpha groenlandica	A		
Eudendrium tenellum	B	*Amphiura sundevalli*	A
Gonothyraea loveni	A	*Gorgonocephalus arcticus*	A
Lafoea gracillima	B	*Gorgonocephalus caryi*	A
Lafoeina maxima	A	*Ophiacantha bidentata*	A
Obelia longissima	A	*Ophiocten sericeum*	
Operculariella lacerata	B	*Ophiopleura borealis*	
Ptychogena lactea	B	*Ophiura robusta*	
Sertularella tricuspidata		*Stegophiura nodosa*	A
Sertularia similis			
Thuiaria alternitheca	A	ECTOPROCTA (16 sps.)	
Hydrozoan		*Alcyonidium gelatinosum*	
		Alcyonidium sp.	B
ECHINODERMATA: Asteroidea (13 sps.)		*Carbasea carbasea*	A
		Cystisella saccata	A
Ctenodiscus crispatus		*Escharella ventricosa*	A
Hymenaster pellucidus	A	*Eucratea loricata*	
Icasterias panopla	A	*Hincksina nigrans*	A
Leptasterias groenlandica		*Hippothoa hyalina*	A
Leptasterias polaris	A	*Kinetoskias arborescens*	A
Lophaster furcifer	A	*Membranipora serrulata*	A
Pontaster tenuispinus			
Poraniomorpha bidens	A		
Poraniomorpha tumida			

Table 1. Continued.

Species		Species	
ECTOPROCTA		MOLLUSCA: Gastropoda	
Notoplites smitti	B	*Margarites costalis*	
Parasmittina jeffreysi	B	*Margarites umbilicalis*	
Pseudoflustra solida	B	*Moelleria costulata*	A
Smittina majuscula	A	*Natica clausa*	
Tegella armifera	A	*Neptunea despecta*	
Bryozoan	A	*Neptunea heros*	A
		Oenopota arctica	A
MOLLUSCA: Amphineura (1 sp.)		*Oenopota bicarinata*	
Tonicella marmorea		*Oenopota cinerea*	A
		Oenopota incisula	B
MOLLUSCA: Aplacophora (1 sp.)		*Oenopota reticulata*	B
Solenogaster	B	*Oenopota turricula*	B
		Oenopota sp.	
MOLLUSCA: Cephalopoda (2 sps.)		*Onchidiopsis glacialis*	A
Bathypolypus arcticus	A	*Onchidiopsis kingmaruensis*	A
Rossia molleri		*Onchidoris bilamellata*	B
		Philine finmarchia	
MOLLUSCA: Gastropoda (59 sps.)		*Philine lima*	B
Acanthodoris pilosa	A	*Philine quadrata?*	B
Acmaea testudinalis	B	*Plicifusus kroyeri*	A
Admete couthouyi		*Retusa obtusa*	B
Alvania cruenta	B	*Solariella obscura*	
Amauropsis purpurea		*Tachyrhynchus erosus*	
Aquilonaria turneri	B	*Trichotropis bicarinata*	B
Beringius beringi	A	*Trichotropis borealis*	
Boreotrophon clathratus	A	*Velutina undata*	
Boreotrophon pacificus		*Velutina velutina*	B
Boreotrophon truncatus	B	*Volutopsius deformis*	A
Buccinum angulosum			
Buccinum hydrophanum		MOLLUSCA: Pelecypoda (40 sps.)	
Buccinum maltzani	A	*Astarte borealis*	
Buccinum polare		*Astarte crenata*	
Buccinum scalariforme		*Astarte eliptica*	A
Buccinum undatum	B	*Astarte montagui*	
Capulacmaea radiata	B	*Axinopsida orbiculata*	B
Colus islandicus	B	*Bathyarca glacialis*	
Colus martensi	A	*Clinocardium ciliatum*	
Colus pubescens		*Cuspidaria arctica*	A
Colus roseus	A	*Cuspidaria obesa*	B
Colus togatus		*Cyrtodaria kurriana*	A
Colus verkruzeni	A	*Dacrydium vitreum*	B
Cylichna alba		*Hiatella arctica*	
Cylichna magna	B	*Liocyma fluctuosa*	A
Cylichna occulta		*Lyonsia arenosa*	A
Lacuna sp.		*Macoma balthica*	A
Dendronotus frondosus	A	*Macoma calcarea*	
Dendronotus robustus	A	*Macoma moesta*	
Lepeta caeca		*Macoma torelli*	
Lunatia pallida		*Montacuta dawsoni*	B

Table 1. Continued.

Species	
MOLLUSCA: Pelecypoda	
Musculus corrugatus	
Musculus discors	
Musculus niger	
Mya truncata	
Mytilus edulis	
Nucula belloti	
Nuculana minuta	B
Nuculana pernula	
Pandora glacialis	A
Pecten groenlandicus	
Periploma abyssorum	A
Portlandia arctica	A
Portlandia fraterna	B
Portlandia frigida	B
Portlandia intermedia	A
Portlandia lenticula	B
Serripes groenlandicus	
Thracia devexa	A
Thyasira dunbari	B
Thyasira gouldi	
Yoldia h. hyperborea	
MOLLUSCA: Scaphopoda (1 sp.)	
Siphonodentalium lobatum	A
NEMERTINA (2 sps.)	
Nemertean	
Nemertean	B
PLATYHELMINTHES (1 sp.)	
Turbellarian	B
PORIFERA (5 sps.)	
Polymastia hemisphaericum	A
Polymastia mammilaris	A
Suberites ficus	A
Tetilla sibirica	B
Sponge	A
PRIAPULIDA (2 sp.)	
Halicryptus spinulosus	A
Priapulus caudatus	
SIPUNCULA (3 sps.)	
Golfingia margaritacea	B
Phascolion strombi	
Sipunculan	A
Total: 434 species	

PART A

BENTHIC INVERTEBRATES COLLECTED FROM THE BEAUFORT SEA-AMUNDSEN GULF AREA, 1951 TO 1985

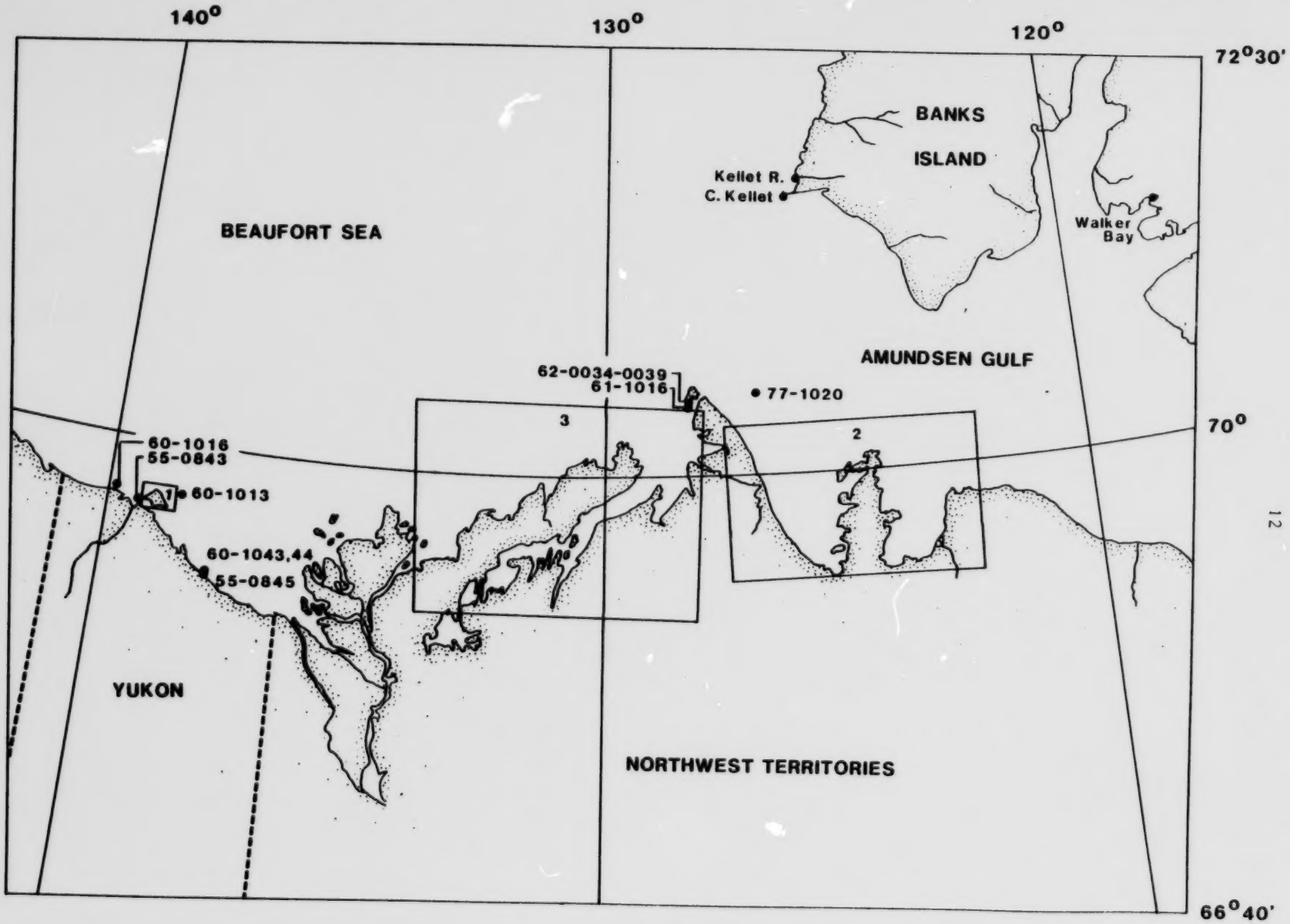

Fig. 1. Locations of benthic stations in the Beaufort Sea - Amundsen Gulf area.

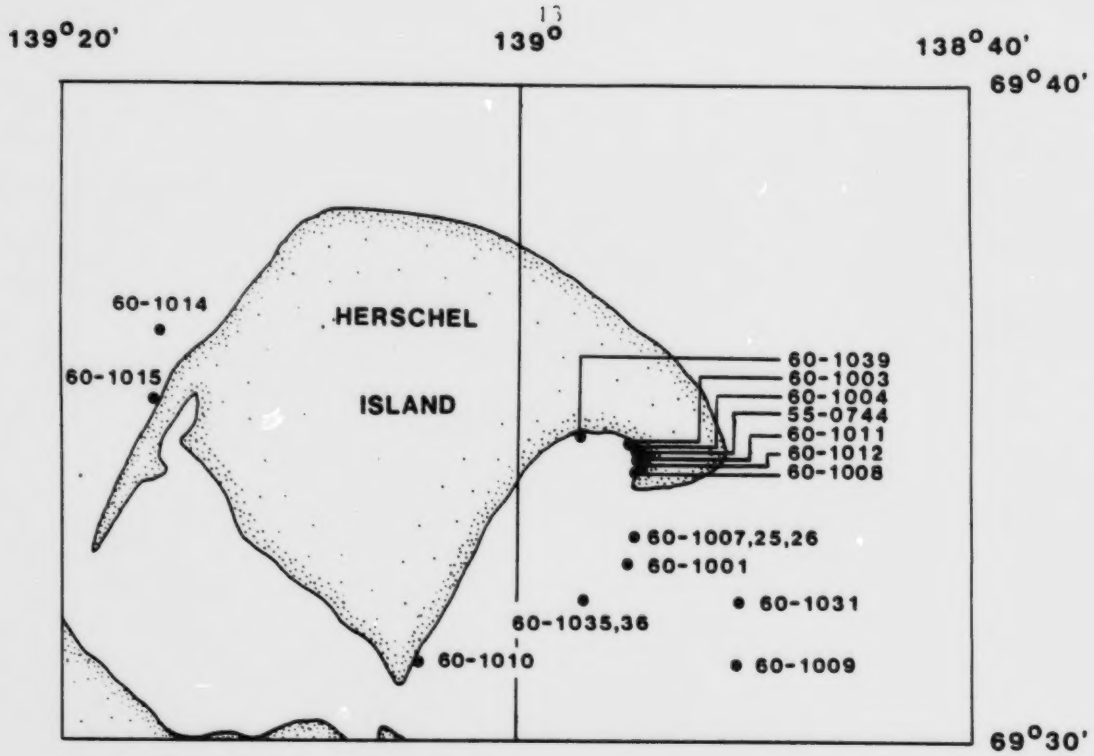

Fig. 2. Locations of benthic stations around Herschel Island (rectangle 1 of Fig. 1).

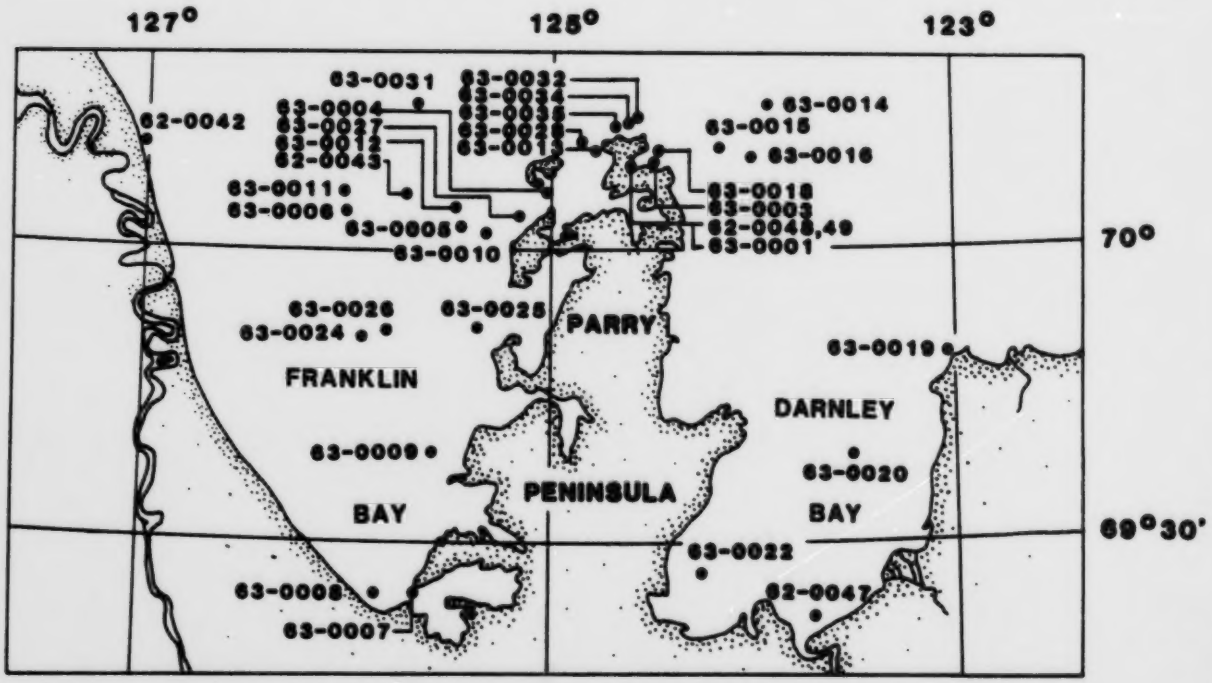

Fig. 3. Locations of benthic stations in Franklin Bay and Darnley Bay (rectangle 2 of Fig. 1).

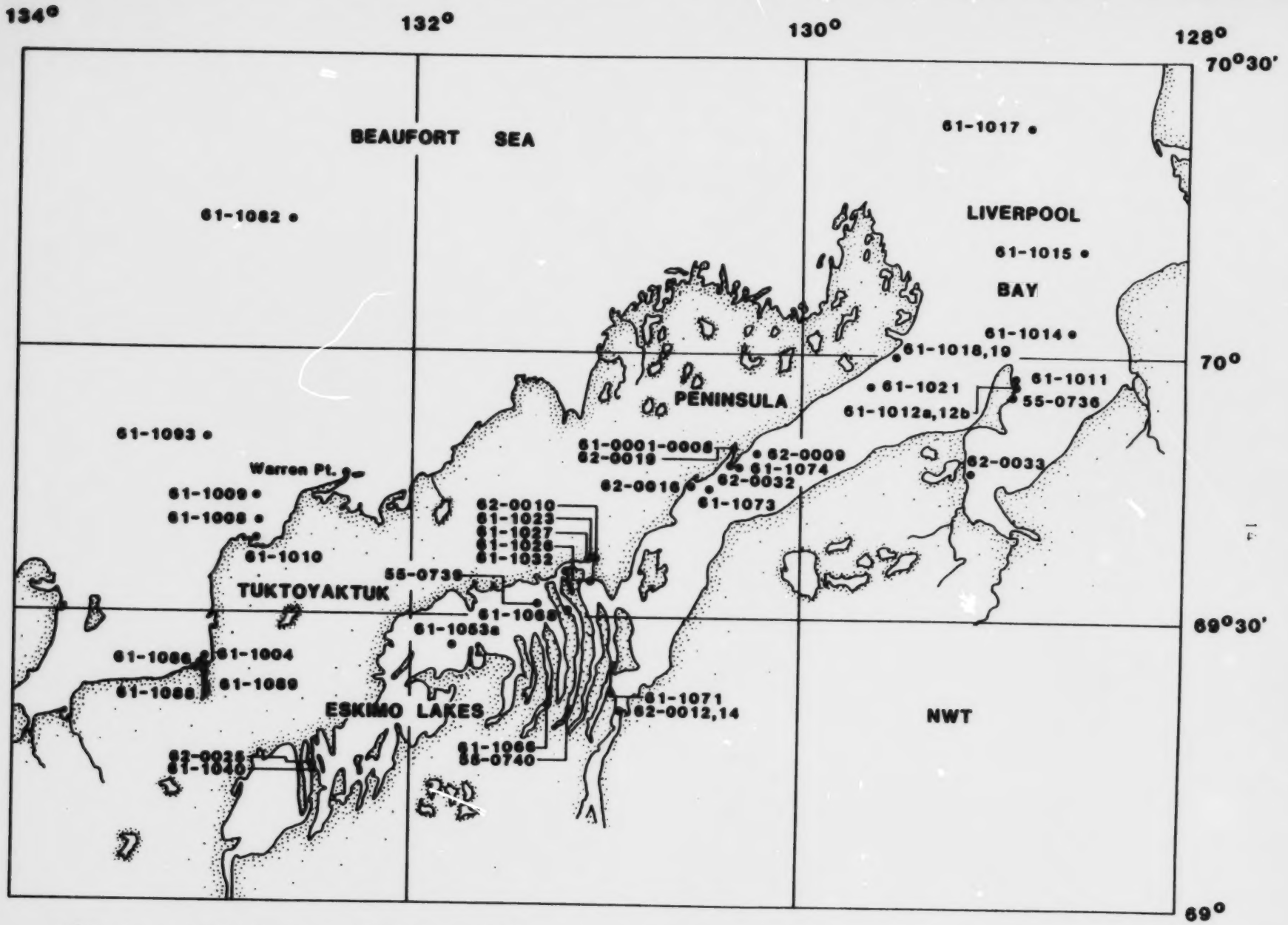

Fig. 4. Locations of benthic stations along the Tuktoyaktuk Peninsula, in Liverpool Bay and the Eskimo Lakes (rectangle 3 of Fig. 1).

Table 2. Coordinates of stations sampled in the Beaufort Sea - Amundsen Gulf area between 1951 and 1985.

Station	North Latitude	West Longitude
1951		
Cape Kellet	71°58'	126°00'
1955		
55-0736	69°56'	128°54'
55-0739	69°32'	131°19'
55-0740	69°19'	131°07'
55-0744	69°34'	138°54'
1956		
56-0843	69°33'	139°21'
56-0845	69°06'	137°54'
1958		
Kellet R.	72°05.3'	125°42'
1960		
60-1001	69°32.5'	138°55'
60-1003	69°34.1'	138°54.9'
60-1004	69°34.3'	138°54'
60-1007	69°33.1'	138°55'
60-1008	69°33.8'	138°55'
60-1009	69°31'	138°50'
60-1010	69°31.2'	139°04.5'
60-1011	69°34.2'	138°54.3'
60-1012	69°34'	138°54'
60-1013	69°38'	138°35'
60-1014	69°36'	139°16'
60-1015	69°35'	139°16'
60-1016	69°37'	139°57'
60-1025	69°33'	138°55'
60-1026	69°33'	138°55'
Warren Pt.	69°45.6'	132°18'
60-1031	69°32'	138°50'
60-1035	69°32'	138°57'
60-1036	69°32'	138°57'
60-1039	69°34.6'	138°57.4'
60-1043	69°07'	137°54'
60-1044	69°07'	137°54'
1961		
61-1004	69°26.5'	133°01.8'
61-1008	69°41'	132°48'
61-1009	69°43.5'	132°48'
61-1010	69°39'	132°48'
61-1011	69°58'	128°54.5'
61-1012a	69°56'	128°53'
61-1012b	69°56'	128°53'
61-1014	70°02'	128°42'
61-1015	70°11'	128°35'
61-1016	70°29.5'	128°19'
61-1017	70°23.6'	128°49'
61-1018	69°58.7'	129°30'
61-1019	69°58.7'	129°30'
61-1021	69°56'	129°37'
61-1023	69°37.7'	131°02'
61-1026	69°35.5'	131°02'
61-1027	69°37'	131°02'
61-1032	69°35.5'	131°10'
61-1040	69°13.3'	132°27.8'
61-1053a	69°27.5'	131°45'
61-1066	69°21.8'	131°15.5'
61-1068	69°36.7'	131°01.1'
61-1071	69°25.6'	130°54.7'
61-1073	69°45'	130°24'
61-1074	69°47.5'	130°18'
61-1082	70°13'	132°36'
61-1086	69°25.9'	132°02.9'
61-1088	69°25.2'	132°59'
61-1089	69°25.6'	132°59.1'
61-1093	69°50'	133°02'
1962		
62-0001	69°49.3'	130°19'
62-0002	69°49.3'	130°19'
62-0003	69°49.3'	130°19'
62-0006	69°49.3'	130°19'
62-0008	69°49.3'	130°19'
62-0009	69°48'	130°13'
62-0010	69°37.5'	131°02.6'
62-0012	69°20.5'	130°53'
62-0014	69°20.5'	130°53'

Table 2. Continued.

Station	North Latitude	West Longitude	Station	North Latitude	West Longitude
1962					
62-0016	69°45'	130°32.5'	1977		
62-0019	69°49.3'	130°19'			
62-0025	69°14'	132°27'	77-1020	70°33.8'	126°53'
62-0032	69°48'	130°19'			
62-0033	69°45.7'	129°08'	1985		
62-0034	70°31'	128°19'			
62-0035	70°31'	128°19'	Walker Bay	71°39.7'	117°43'
62-0038	70°31'	128°19'			
62-0039	70°31'	128°19'			
62-0042	70°11.4'	127°03'			
62-0043	70°06.6'	125°43'			
62-0047	69°21.5'	123°42'			
62-0048	70°07'	124°39'			
62-0049	70°07'	124°39'			
1963					
63-0001	70°09'	124°40'			
63-0003	70°09.7'	124°30.8'			
63-0004	70°06.1'	125°09'			
63-0005	70°02.5'	125°26'			
63-0006	70°02.9'	126°00'			
63-0007	69°25.6'	125°40.5'			
63-0008	69°25.6'	125°48.5'			
63-0009	69°39.3'	125°35.1'			
63-0010	70°02.1'	125°22.3'			
63-0011	70°05.8'	126°02.5'			
63-0012	70°03.9'	125°28.5'			
63-0013	70°10.6'	124°47'			
63-0014	70°17.9'	123°55'			
63-0015	70°11.4'	124°16.7'			
63-0016	70°10'	124°2.7'			
63-0018	70°10.5'	124°30'			
63-0019	69°49.7'	123°05.5'			
63-0020	69°39.3'	123°33.6'			
63-0022	69°27'	124°17'			
63-0024	69°55.1'	125°56'			
63-0025	69°52'	125°54'			
63-0026	69°52.2'	125°49'			
63-0027	70°04'	125°10'			
63-0028	70°11.5'	124°50'			
63-0031	70°16'	125°42.5'			
63-0032	70°14.3'	124°34.4'			
63-0034	70°14'	124°36.5'			
63-0035	70°13.5'	124°39.6'			

Table 3. Associated data for stations sampled in the Beaufort Sea - Amundsen Gulf area between 1951 and 1985.

Station	Date	Depth (m)	Temp. (^{o}C)	Sal. ($^{o}/_{oo}$)
1951				
Cape Kellet	27 Jul 51	shore		
1955				
55-0736	20 Aug 55	shore		
55-0739	27 Aug 55	8		
55-0740	28 Aug 55	3		
55-0744	16,17,19 Sep 55	7		
1956				
56-0843	8 Aug 56	0-4		
56-0845	25 Aug 56	0-3		
1958				
Kellet R.	21 Jul 58			
1960				
60-1001	26 Jul 60	12-37		
60-1003	2 Aug 60	1-4		
60-1004	27 Jul 60	0-6		
60-1007	1 Aug 60	11		
60-1008	1 Aug 60	5-11		
60-1009	2 Aug 60	18-27		
60-1010	3 Aug 60	5-9	-0.51	26.78
60-1011	4 Aug 60	2-4		
60-1012	5 Aug 60	4		
60-1013	6 Aug 60	91-137		
60-1014	6 Aug 60	5		
60-1015	6 Aug 60	4		
60-1016	6 Aug 60	13		
60-1025	14 Aug 60	4		
60-1026	15 Aug 60	0-5		
Warren Pt.	17 Aug 60	shore		
60-1031	19 Aug 60	0-45		
60-1035	25 Aug 60	21-44	-1.32	31.83
60-1036	25 Aug 60	36	-1.32	31.83
60-1039	26 Aug 60	4		
60-1043	31 Aug 60	9		
60-1044	31 Aug 60	22		

Table 3. Continued.

Station	Date	Depth (m)	Temp. (°C)	Sal. (°/oo)
1961				
61-1004	2 Jul 61	2		
61-1008	6 Jul 61	4	-0.50	
61-1009	6 Jul 61	4	-0.50	20.43
61-1010	6 Jul 61	5	11.00	
61-1011	9 Jul 61	5		
61-1012a	9 Jul 61	2	3.20	18.98
61-1012b	9 Jul 61	shore		
61-1014	10 Jul 61	9		
61-1015	10 Jul 61	12	-1.41	10.70
61-1016	11 Jul 61	8	-1.25	29.29
61-1017	11 Jul 61	13	-1.50	32.45
61-1018	11 Jul 61	2	10.50	12.85
61-1019	12 Jul 61	2	7.12	15.07
61-1021	12 Jul 61	11	-0.82	30.28
61-1023	14 Jul 61	3		
61-1026	15 Jul 61	55	4.98	13.44
61-1027	16 Jul 61	7		
61-1032	18 Jul 61	30	-0.68	17.11
61-1040	21 Jul 61	5		
61-1053a	1 Aug 61	9		
61-1066	7 Aug 61	18	0.58	15.32
61-1068	8 Aug 61	16		
61-1071	8 Aug 61	20	10.92	12.74
61-1073	11 Aug 61	7	11.00	13.08
61-1074	13 Aug 61	8	4.51	22.75
61-1082	19 Aug 61	34	-1.19	32.88
61-1086	21 Aug 61	3		
61-1088	22 Aug 61	13		
61-1089	23 Aug 61	20	3.29	
61-1093	26 Aug 61	14		
1962				
62-0001	13 Jul 62	2-12		
62-0002	14 Jul 62	0-4		
62-0003	17 Jul 62	1	11.00	
62-0006	21 Jul 62	2-18		
62-0008	24 Jul 62	5-15		
62-0009	25 Jul 62	9	5.64	
62-0010	26 Jul 62	2-11		
62-0012	29 Jul 62	3		
62-0014	30 Jul 62	6		
62-0016	1 Aug 62	2-6		

Table 3. Continued.

Station	Date	Depth (m)	Temp. (°C)	Sal. (°/oo)
1962				
62-0019	3 Aug 62	2-10	1.44	11.80
62-0025	9 Aug 62	1-6	14.01	11.90
62-0032	12 Aug 62	10	2.18	11.98
62-0033	13 Aug 62	16	0.19	31.68
62-0034	14 Aug 62	2-6	2.26	31.34
62-0035	14 Aug 62	1-4		
62-0038	17 Aug 62	0-4		
62-0039	17 Aug 62	0-5		
62-0042	21 Aug 62	68		
62-0043	21 Aug 62	100	-1.49	32.89
62-0047	25 Aug 62	2		
62-0048	29 Aug 62	15		
62-0049	29 Aug 62	15	0.58	31.17
1963				
63-0001	19 Jul 63	2	6.00	23.60
63-0003	19 Jul 63	16-20		
63-0004	24 Jul 63	31-60		
63-0005	25 Jul 63	91	-1.73	33.00
63-0006	25 Jul 63	182	-0.80	33.02
63-0007	31 Jul 63	10-26		
63-0008	1 Aug 63	18		
63-0009	1 Aug 63	14	4.90	29.82
63-0010	1 Aug 63	50	-1.31	32.56
63-0011	3 Aug 63	185	-1.52	34.01
63-0012	4 Aug 63	92	-0.51	32.47
63-0013	4 Aug 63	18-24	5.46	29.94
63-0014	5 Aug 63	213		
63-0015	7 Aug 63	51-64	-0.52	32.19
63-0016	7 Aug 63	60-80		
63-0018	9 Aug 63	15		
63-0019	12 Aug 63	82	2.19	32.55
63-0020	12 Aug 63	45-58	4.44	30.70
63-0022	13 Aug 63	31	5.83	30.17
63-0024	20 Aug 63	161	-1.08	32.63
63-0025	20 Aug 63	129		
63-0026	20 Aug 63	58	1.10	32.10
63-0027	20 Aug 63	33	5.66	28.63
63-0028	20 Aug 63	65		
63-0031	25 Aug 63	173		
63-0032	28 Aug 63	73	-0.94	32.35
63-0034	5 Sep 63	80	-0.94	32.34
63-0035	5 Sep 63	66	-0.94	32.35

Table 3. Continued.

Station	Date	Depth (m)	Temp. (^{o}C)	Sal. ($^{o}/_{oo}$)
1977				
77-1020	29 Jul 77	335	0.30	34.00
1985				
Walker Bay	Aug 85	2-37		

Table 4. Benthic invertebrates collected by hand from the beach at Cape Kellett, 27 Jul 1951.

Species
ARTHROPODA: Isopoda
Mesidotea sibirica
ECHINODERMATA: Echinoidea
Strongylocentrotus droebachiensis

Table 5. Benthic invertebrates collected by hand from station 55-0736, 20 Aug 1955.

Species
MOLLUSCA: Gastropoda
Amauropsis purpurea
Buccinum angulosum
Neptunea heros
Plicifusus kroyeri

Table 6. Benthic invertebrates collected by dredge from station 55-0739, 27 Aug 1955.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Antinoella sarsi	*Cylichna occulta*
Harmothoe imbricata	*Oenopota cinerea*?
Nereimyra aphroditoides	
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Atylus carinatus	*Mytilus edulis*
Boeckosimus affinis	
Corophium clarencense	
Gammarus setosus	
Paroediceros sp.	
Weyprechtia pinguis	

Table 7. Benthic invertebrates collected by net from station 55-0740, 28 Aug 1955.

Species
MOLLUSCA: Pelecypoda
Mytilus edulis
Portlandia arctica

Table 8. Benthic invertebrates collected by net from station 55-0744, 16, 17, & 19 Sep 1955.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Boeckosimus affinis	*Astarte borealis*
Gammarus setosus	*Astarte elliptica*
	Astarte montagui
MOLLUSCA: Gastropoda	*Macoma balthica*
Admete couthouyi	*Macoma calcarea*

Table 9. Benthic invertebrates collected by trawl from station 55-0843, 8 Aug 1956.

Species
ARTHROPODA: Amphipoda
Gammarus setosus
Oediceros saginatus

Table 10. Benthic invertebrates collected by net from station 56-0845, 25 Aug 1956.

Species
ARTHROPODA: Amphipoda
Gammarus setosus

Table 11. Benthic invertebrates collected by net and hand from station at mouth of Kellett River, 21 Jul 1958.

Species
ARTHROPODA: Amphipoda
Gammarus setosus
Oediceros saginatus
Onisimus litoralis
ARTHROPODA: Isopoda
Mesidotea entomon
ARTHROPODA: Mysidacea
Mysis relicta

Table 12. Benthic invertebrates collected by trawl from station 60-1001, 26 Jul 1960.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Pelecypoda
Terebellides stroemi	*Astarte borealis* (f. placenta)
ARTHROPODA: Decapoda	*Astarte montagui* (f. warhami & striata)
Eualus gaimardi	*Cyrtodaria kurriana*
Lebbeus groenlandicus	*Lyonsia arenosa*
Sabinea septemcarinata	*Macoma moesta*
ARTHROPODA: Isopoda	*Musculus niger*
Mesidotea sabini	*Pandora glacialis*
Mesidotea sibirica	*Thracia devexa*
CHORDATA: Ascidiacea	
Dendrodoa aggregata	
Molgula griffithsi	
Styela rustica	
COELENTERATA: Hydrozoa	
Lafoea gracillima	
Obelia longissima	
ECHINODERMATA: Asteroidea	
Urasterias lincki	
ECHINODERMATA: Holothuroidea	
Myriotrochus rinki	
ECTOPROCTA	
Carbasea carbasea	
MOLLUSCA: Gastropoda	
Acanthodoris pilosa	
Buccinum polare	
Dendronotus frondosus	
Lunatia pallida	
Natica clausa	
Neptunea heros	
Oenopota cinerea?	
Plicifusus kroyeri	

Table 13. Benthic invertebrates collected by net from station 60-1003, 2 Aug 1960.

Species
ARTHROPODA: Amphipoda
Gammarus setosus

Table 14. Benthic invertebrates collected by net and trawl from station 60-1004, 27 Jul; 60-1011, 4 Aug; 60-1012, 5 Aug 1960.

Species
ARTHROPODA: Amphipoda
Atylus carinatus
Gammarus setosus
ARTHROPODA: Decapoda
Eualus gaimardi
CHORDATA: Ascidiacea
Rhizomolgula globularis
ECHINODERMATA: Holothuroidea
Myriotrochus rinki
MOLLUSCA: Gastropoda
Acanthodoris pilosa
Admete couthouyi
MOLLUSCA: Pelecypoda
Clinocardium ciliatum?
Cyrtodaria kurriana
Liocyma fluctuosa
Portlandia arctica
Portlandia intermedia (as *Yoldiella*)

Table 15. Benthic invertebrates collected by dredge, net and trawl from station 60-1007, 1 Aug; 60-1025, 14 Aug; 60-1026, 15 Aug 1960.

Species	Species
ARTHROPODA: Amphipoda	COELENTERATA: Hydrozoa
Acanthostepheia malmgreni	*Sertularella tricuspidata*
Gammarus setosus	
Haploops laevis (as *H. tubicola*)	ECHINODERMATA: Holothuroidea
Boeckosimus affinis (as *Poesodalibrotus glacialis*)	*Myriotrochus rinki*
	MOLLUSCA: Gastropoda
ARTHROPODA: Isopoda	*Neptunea heros*
Mesidotea sabini	
	MOLLUSCA: Pelecypoda
CHORDATA: Ascidiacea	*Cyrtodaria kurriana*
Rhizomolgula globularis	*Musculus corrugatus*
	Portlandia arctica (f. portlandica & siliqua)
COELENTERATA: Anthozoa	*Portlandia intermedia* (as *Yoldiella*)
Tealia felina	
	PRIAPULIDA
	Priapulus caudatus

Table 16. Benthic invertebrates collected by trawl from station 60-1008, 1 Aug 1960.

Species	Species
ANNELIDA: Polychaeta	ECTOPROCTA
Antinoella sarsi (as *Antinoe*)	*Hincksina nigrans*
Harmothoe extenuata	
	MOLLUSCA: Gastropoda
ARTHROPODA: Amphipoda	*Amauropsis purpurea*
Atylus carinatus	*Lunatia pallida*
Gammaracanthus loricatus	*Natica clausa*
Weyprechtia heuglini	*Onchidiopsis kingmaruensis*
	Plicifusus kroyeri
ARTHROPODA: Decapoda	
Eualus g. belcheri	MOLLUSCA: Pelecypoda
	Astarte borealis (f. placenta)
ARTHROPODA: Isopoda	*Astarte montagui* (f. warhami)
Mesidotea entomon	*Lyonsia arenosa*
Mesidotea sabini	*Macoma moesta*
Mesidotea sibirica	*Musculus discors* (f. substriatus)
	Pandora glacialis
CHORDATA: Ascidiacea	*Portlandia arctica* (f. siliqua)
Molgula griffithsi	

Table 17. Benthic invertebrates collected by trawl from station 60-1009, 2 Aug 1960.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Melaenis loveni	*Admete couthouyi*
	Buccinum angulosum
ARTHROPODA: Amphipoda	*Buccinum scalariforme* (as *B. tenue*)
Acanthostepheia malmgreni	*Colus togatus*
	Lunatia pallida
ARTHROPODA: Decapoda	*Natica clausa*
Eualus gaimardi	*Neptunea heros*
Sabinea septemcarinata	*Plicifusus kroyeri*
	Trichotropis borealis
CHORDATA: Ascidiacea	
Pelonaia corrugata	MOLLUSCA: Pelecypoda
	Astarte borealis (f. placenta)
COELENTERATA: Anthozoa	*Astarte montagui* (f. warhami)
Allantactis parasitica	*Clinocardium ciliatum?*
	Cuspidaria arctica
ECHINODERMATA: Asteroidea	*Musculus discors* (f. substriata)
Leptasterias polaris	*Musculus niger*
Urasterias lincki	*Nucula belloti*
	Nuculana pernula
	Serripes groenlandicus

Table 18. Benthic invertebrates collected by trawl from station 60-1010, 3 Aug 1960.

Species
ARTHROPODA: Amphipoda
Atylus carinatus
Gammarus setosus
Onisimus litoralis (as *Pseudolibrotus nanseni*)
ARTHROPODA: Decapoda
Eualus gaimardi
ARTHROPODA: Isopoda
Mesidotea sibirica

Table 19. Benthic invertebrates collected by trawl from station 60-1013, 6 Aug 1960.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Nereis zonata	*Buccinum scalariforme* (as *B. tenue*)
Phyllodoce groenlandica	*Colus togatus*
Spiochaetopterus typicus	
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Ampelisca eschrichti	*Hiatella arctica*
Ischyrocerus latipes	*Liocyma fluctuosa*
Rhachotropis aculeata	*Macoma calcarea*
Stegocephalus inflatus	
Weyprechtia heuglini	
ARTHROPODA: Decapoda	
Eualus gaimardi	
Sabinea septemcarinata	
ARTHROPODA: Pycnogonida	
Nymphon longitarse	
COELENTERATA: Anthozoa	
Allantactis parasitica	
COELENTERATA: Hydrozoa	
Hydrozoans	
ECHINODERMATA: Asteroidea	
Leptasterias groenlandica	
Pteraster obscurus	
Solaster papposus	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Holothuroidea	
Cucumaria calcigera?	
ECHINODERMATA: Ophiuroidea	
Amphiura sundevalli	
Gorgonocephalus caryi (caryi)	
Ophiacantha bidenta	
Ophiocten sericeum	
Ophiura robusta	
ECTOPROCTA	
Bryozoans	

Table 20. Benthic invertebrates collected by trawl from station 60-1014, 6 Aug 1960.

Species
ARTHROPODA: Amphipoda
Acanthostepheia malmgreni
Atylus carinatus

Table 21. Benthic invertebrates collected by trawl from station 60-1015, 6 Aug 1960.

Species
ARTHROPODA: Amphipoda
Atylus carinatus
Gammarus setosus

Table 22. Benthic invertebrates collected by trawl from station 60-1016, 6 Aug 1960.

Species	Species
ANNELIDA: Polychaeta	CHORDATA: Ascidiacea
Harmothoe imbricata	*Rhizomolgula globularis*
ARTHROPODA: Amphipoda	COELENTERATA: Anthozoa
Weyprechtia heuglini	*Tealia felina*
ARTHROPODA: Decapoda	ECHINODERMATA: Asteroidea
Eualus gaimardi	*Urasterias lincki*
ARTHROPODA: Isopoda	MOLLUSCA: Gastropoda
Mesidotea entomon	*Natica clausa*

Table 23. Benthic invertebrates collected by hand from beach at Warren Point, 17 Aug 1960.

Species
MOLLUSCA: Pelecypoda
Cyrtodaria kurriana
Macoma balthica? (as *M. inconspicua*)
Portlandia arctica

Table 24. Benthic invertebrates collected by net from station 60-1031, 19 Aug 1960.

Species
ARTHROPODA: Amphipoda
Onisimus glacialis (as *Pseudalibrotus nanseni*)
Onisimus litoralis (as *Pseudalibrotus nanseni*)
Weyprechtia heuglini
ARTHROPODA: Decapoda
Eualus gaimardi

Table 25. Benthic invertebrates collected by trawl and net from station 60-1035, 60-1036, 25 Aug 1960.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Aglaophamus malmgreni (as *Nephthys*)	*Buccinum angulosum*
Artacama proboscidea	*Buccinum scalariforme* (as *B. tenue*)
Pista maculata	*Colus martensi* (as *Anomalosipho*)
Spiochaetopterus typicus	*Colus roseus*
	Colus verkruzeni? (as *Anomalosipho*)
ARTHROPODA: Amphipoda	*Lunatia pallida*
Acanthostepheia malmgreni	*Natica clausa*
Gammaracanthus loricatus	*Neptunea heros*
Stegocephalus inflatus	*Plicifusus kroyeri*
ARTHROPODA: Decapoda	MOLLUSCA: Pelecypoda
Eualus gaimardi	*Astarte borealis* (f. placenta)
Sabinea septemcarinata	*Astarte montagui* (f. warhami)
	Clinocardium ciliatum?
ARTHROPODA: Isopoda	*Macoma moesta*
Mesidotea sabini	
ARTHROPODA: Pycnogonida	
Nymphon grossipes	
CHORDATA: Ascidiacea	
Dendrodoa pulchella	
COELENTERATA: Anthozoa	
Actinostola spetsbergensis	
Allantactis parasitica	
Hormathia nodosa	
ECHINODERMATA: Asteroidea	
Urasterias lincki	
ECHINODERMATA: Holothuroidea	
Myriotrochus rinki	
ECTOPROCTA	
Carbasea carbasea	

Table 26. Benthic invertebrates collected by trawl from station 60-1039, 26 Aug 1960.

Species
CHORDATA: Ascidiacea
Rhizomolgula globularis
MOLLUSCA: Pelecypoda
Cyrtodaria kurriana

Table 27. Benthic invertebrates collected by trawl from station 60-1043 and 60-1044, 31 Aug 1960.

Species
ANNELIDA: Polychaeta
Aglaophamus malmgreni (as *Nephthys*)
Scoloplos armiger (as *Haploscoloplos elongatus*)
ARTHROPODA: Amphipoda
Atylus carinatus
MOLLUSCA: Gastropoda
Amauropsis purpurea
MOLLUSCA: Pelecypoda
Cyrtodaria kurriana
Hiatella arctica
Liocyma fluctuosa
Portlandia arctica (f. portlandica)

Table 28. Benthic invertebrates collected by net from station 61-1004, 2 Jul 1961.

Species
MOLLUSCA: Pelecypoda
Cyrtodaria kurriana

Table 29. Benthic invertebrates collected by trawl from station 61-1008, 6 Jul 1961.

Species
ARTHROPODA: Isopoda
Mesidotea entomon

Table 30. Benthic invertebrates collected by trawl from station 61-1009, 6 Jul 1961.

Species
ARTHROPODA: Isopoda
Mesidotea entomon
MOLLUSCA: Gastropoda
Amauropsis purpurea

Table 31. Benthic invertebrates collected by trawl from station 61-1010, 6 Jul 1961.

Species
MOLLUSCA: Pelecypoda
Cyrtodaria kurriana

Table 32. Benthic invertebrates collected by net from station 61-1011, 9 Jul 1961.

Species
MOLLUSCA: Pelecypoda
Macoma balthica (as *M. inconspicua*)

Table 33. Benthic invertebrates collected by net and hand from station 61-1012A and 61-1012B, 9 Jul 1961.

Species	Species
ARTHROPODA: Cirripedia	MOLLUSCA: Pelecypoda
Balanus crenatus	*Astarte borealis* (placenta)
ECHINODERMATA: Asteroidea	*Musculus discors* (f. laevigatus & substriatus)
Urasterias lincki	*Mytilus edulis*
MOLLUSCA: Gastropoda	*Serripes groenlandicus*
Neptunea heros	

Table 34. Benthic invertebrates collected by trawl from station 61-1014, 10 Jul 1961.

Species	Species
ECHINODERMATA: Asteroidea	PRIAPULIDA
Urasterias lincki	*Priapulus caudatus*
ECHINODERMATA: Holothuroidea	MOLLUSCA: Pelecypoda
Myriotrochus rinki	*Astarte borealis* (f. placenta)
MOLLUSCA: Gastropoda	*Portlandia arctica* (f. siliqua)
Onchidiopsis glacialis	

Table 35. Benthic invertebrates collected by trawl from station 61-1015, 10 Jul 1961.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Gattyana cirrosa	*Plicifusus kroyeri*
Pectinaria hyperborea	
	MOLLUSCA: Pelecypoda
ARTHROPODA: Isopoda	*Cyrtodaria kurriana*
Mesidotea sabini	*Hiatella arctica*
Mesidotea sibirica	*Macoma calcarea*
	Macoma moesta
ARTHROPODA: Pycnogonida	*Musculus corrugatus*
Nymphon grossipes	*Musculus discors* (f. laevigatus)
	Musculus niger
COELENTERATA: Anthozoa	*Pandora glacialis*
Gersemia rubiformis	
COELENTERATA: Hydrozoa	
Sertularia similis	
ECTOPROCTA	
Carbasea carbasea	
Escharella ventricosa	

Table 36. Benthic invertebrates collected by trawl from station 61-1016, 11 Jul 1961.

Species
ARTHROPODA: Amphipoda
Atylus carinatus
ARTHROPODA: Cirripedia
Balanus balanoides
MOLLUSCA: Pelecypoda
Astarte borealis (f. placenta)
Cyrtodaria kurriana
Lyonsia arenosa
Macoma moesta
Musculus corrugatus
Pandora glacialis
Portlandia arctica (f. siliqua)

Table 37. Benthic invertebrates collected by trawl from station 61-1017, 11 Jul 1961.

Species
ARTHROPODA: Amphipoda
Acanthostepheia malmgreni
Atylus carinatus
Weyprechtia heuglini
ARTHROPODA: Decapoda
Eualus gaimardi
Sabinea septemcarinata
ECHINODERMATA: Asteroidea
Urasterias lincki
MOLLUSCA: Gastropoda
Lunatia pallida
Neptunea heros
MOLLUSCA: Pelecypoda
Astarte borealis (f. placenta)
Macoma calcarea
Macoma moesta
Musculus niger
Yoldia hyperborea (*hyperborea*)

Table 38. Benthic invertebrates collected by net from station 61-1018, 61-1019, 11 + 12 Jul 1961.

Species
ARTHROPODA: Amphipoda
Boeckosimus affinis (as *Pseudalibrotus nanseni* or *P. glacialis*)
ARTHROPODA: Isopoda
Mesidotea entomon

Table 39. Benthic invertebrates collected by trawl from station 61-1021, 12 Jun 1961.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Gastropoda
Atylus carinatus	*Dendronotus robustus*
Onisimus litoralis (as *Pseudalibrotus nanseni*)	*Neptunea heros*
	MOLLUSCA: Pelecypoda
CHORDATA: Ascidiacea	*Clinocardium ciliatum?*
Molgula siphonalis	*Hiatella arctica*
	Macoma calcarea
COELENTERATA: Anthozoa	*Musculus discors* (f. laevigatus and substriatus)
Tealia felina	*Musculus niger*
ECHINODERMATA: Holothuroidea	*Mytilus edulis*
Myriotrochus rinki	*Portlandia arctica* (f. portlandica

Table 40. Benthic invertebrates collected by net from station 61-1023, 14 Jul 1961.

Species
MOLLUSCA: Pelecypoda
Macoma balthica

Table 41. Benthic invertebrates collected by dredge from station 61-1026, 15 Jul 1961.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Gastropoda
Atylus carinatus	*Amauropsis purpurea*
Boeckosimus affinis (as *Pseudalibrotus glacialis*)	*Oenopota cinerea?*
Weyprechtia heuglini	MOLLUSCA: Pelecypoda
	Mytilus edulis
CHORDATA: Ascidiacea	*Portlandia arctica* (f. portlandica)
Rhizomolgula globularis	

Table 42. Benthic invertebrates collected by hand from station 61-1027, 16 Jul 1961.

Species
ARTHROPODA: Amphipoda
Gammarus setosus

Table 43. Benthic invertebrates collected by dredge from station 61-1032, 18 Jul 1961.

Species
MOLLUSCA: Pelecypoda
Macoma balthica (as *M. inconspicua*)
Musculus niger
Mytilus edulis

Table 44. Benthic invertebrates collected by net from station 61-1040, 21 Jul 1961.

Species
ARTHROPODA: Amphipoda
Boeckosimus affinis (as *Pseudalibrotus glacialis*)
Gammarus setosus
Pontoporeia femorata
MOLLUSCA: Pelecypoda
Macoma balthica (as *M. inconspicua*)
Portlandia intermedia (as *Yoldiella*)

Table 45. Benthic invertebrates collected by trawl from station 61-1053A, 1 Aug 1961.

Species
CHORDATA: Ascidiacea
Rhizomolgula globularis

Table 46. Benthic invertebrates collected by net from station 61-1066, 7 Aug 1961.

Species
MOLLUSCA: Pelecypoda
Mytilus edulis

Table 47. Benthic invertebrates collected by net from station 61-1068, 8 Aug 1961.

Species
ARTHROPODA: Amphipoda
Boeckosimus affinis (as *Pseudalibrotus glacialis*)

Table 48. Benthic invertebrates collected by trawl from station 61-1071, 8 Aug 1961.

Species
ARTHROPODA: Amphipoda
Atylus carinatus
Gammarus setosus
MOLLUSCA: Gastropoda
Amauropsis purpurea
MOLLUSCA: Pelecypoda
Mytilus edulis
Portlandia arctica (f. portlandica)
Portlandia intermedia (as *Yoldiella*)

Table 49. Benthic invertebrates collected by trawl from station 61-1073, 11 Aug 1961.

Species
ARTHROPODA: Amphipoda
Atylus carinatus
MOLLUSCA: Pelecypoda
Astarte borealis (f. placenta)
Mytilus edulis

Table 50. Benthic invertebrates collected by trawl from station 61-1074, 13 Aug 1961.

Species
MOLLUSCA: Gastropoda
Buccinum sp.
MOLLUSCA: Pelecypoda
Astarte borealis (f. placenta)
Mytilus edulis

Table 51. Benthic invertebrates collected by trawl from station 61-1082, 19 Aug 1961.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Anonyx nugax	*Musculus corrugatus*
Arrhis phyllonyx	*Musculus discors* (f. laevigatus)
Boeckosimus affinis	*Musculus niger*
Haploops leevis (as *H. tubicola*)	*Mytilus edulis*
	Nucula belloti
ARTHROPODA: Decapoda	*Nuculana pernula*
Eualus gaimardi	*Portlandia arctica* (f. siliqua)
Sabinea septemcarinata	*Yoldia hyperborea* (*hyperborea*)
ARTHROPODA: Isopoda	
Mesidotea sabini	
Munnopsis typica	
CHORDATA: Ascidiacea	
Dendrodoa pulchella	
Styela rustica	
COELENTERATA: Anthozoa	
Actinostola spetzbergensis	
ECHINODERMATA: Asteroidea	
Solaster papposus	
Urasterias lincki	
ECHINODERMATA: Ophiuroidea	
Gorgonocephalus arcticus	
Ophiocten sericeum	
MOLLUSCA: Gastropoda	
Admete couthouyi	
Buccinum scalariforme (as *B. tenue*)	
Colus roseus	
Colus verkruzeni (as *Anomalosipho*)	
Lunatia pallida	
Natica clausa	
Neptunea heros	
Oenopota bicarinata	
Plicifusus kroyeri	
MOLLUSCA: Pelecypoda	
Astarte borealis (f. placenta)	
Clinocardium ciliatum?	
Liocyma fluctuosa	
Lyonsia arenosa	
Macoma calcarea	
Macoma moesta	
Macoma torelli	

Table 52. Benthic invertebrates collected by net from station 61-1086, 21 Aug 1961.

Species
ARTHROPODA: Isopoda
Mesidotea entomon

Table 53. Benthic invertebrates collected by trawl from station 61-1088, 22 Aug 1961.

Species
ARTHROPODA: Isopoda
Mesidotea entomon

Table 54. Benthic invertebrates collected by dredge from station 61-1089, 23 Aug 1961.

Species
ECHINODERMATA: Asteroidea
Urasterias lincki

Table 55. Benthic invertebrates collected by trawl from station 61-1093, 26 Aug 1961.

Species
ARTHROPODA: Amphipoda
Weyprechtia heuglini
ARTHROPODA: Decapoda
Eualus gaimardi
Sabinea septemcarinata
ARTHROPODA: Isopoda
Mesidotea sabini
Mesidotea sibirica
MOLLUSCA: Pelecypoda
Lyonsia arenosa
Pandora glacialis
Portlandia arctica (f. siliqua)

Table 56. Benthic invertebrates collected by net and trawl from station 62-0001, 13 Jul; 62-0002, 14 Jul; 62-0003, 17 Jul; 62-0006, 21 Jul; 62-0008, 24 Jul; 62-0019, 3 Aug 1962.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Gastropoda
Gammaracanthus loricatus	*Buccinum angulosum*
Gammarus setosus	*Buccinum maltzani*
	Lunatia pallida
ARTHROPODA: Isopoda	*Trichotropis borealis*
Mesidotea entomon	
	MOLLUSCA: Pelecypoda
CHORDATA: Ascidiacea	*Astarte borealis* (f. placenta)
Styela coriacea	*Macoma calcarea*
Styela rustica	*Musculus discors* (f. laevigatus)
	Mytilus edulis
COELENTERATA: Hydrozoa	*Portlandia arctica* (f. portlandica)
Corymorpha groenlandica	
ECTOPROCTA	
Eucratea loricata	

Table 57. Benthic invertebrates collected by trawl from station 62-0009, 25 Jul 1962.

Species
ECTOPROCTA
Cystisella saccata
Hincksina nigrans
Smittina majuscula

Table 58. Benthic invertebrates collected by trawl from station 62-0010, 26 Jul 1962.

Species
ARTHROPODA: Amphipoda
Atylus carinatus

Table 59. Benthic invertebrates collected by net and trawl from station 62-0012, 29 Jul and 62-0014, 30 Jul 1962.

Species
ARTHROPODA: Amphipoda
Boeckosimus affinis
Gammarus setosus (as *Pseudalibrotus glacialis*)

Table 60. Benthic invertebrates collected by trawl from station 62-0016, 1 Aug 1962.

Species
ARTHROPODA: Amphipoda
Atylus carinatus

Table 61. Benthic invertebrates collected by net from station 62-0025, 9 Aug 1962.

Species
ARTHROPODA: Amphipoda
Boeckosimus affinis
Gammarus setosus

Table 62. Benthic invertebrates collected by dredge from station 62-0032, 12 Aug 1962.

Species	Species
CHORDATA: Ascidiacea	MOLLUSCA: Gastropoda
Cnemidocarpa rhizopus	*Lunatia pallida*
Styela rustica	
	MOLLUSCA: Pelecypoda
COELENTERATA: Hydrozoa	*Astarte borealis* (f. placenta)
Gonothyraea loveni	*Musculus discors* (f. laevigatus and substriatus)
Lafoeina maxima	
Thuiaria alternitheca	*Musculus niger*
	Mytilus edulis
ECHINODERMATA: Asteroidea	
Urasterias lincki	
ECTOPROCTA	
Carbasea carbasea	
Eucratea loricata	
Hyppothoa hyalina	

Table 63. Benthic invertebrates collected by trawl from station 62-0033, 13 Aug 1962.

Species	Species
ARTHROPODA: Amphipoda	ECHINODERMATA: Ophiuroidea
Acanthostepheia malmgreni	*Ophiocten sericeum*
Byblis gaimardi	
Weyprechtia heuglini	ECTOPROCTA
	Membranipora serrulata
ARTHROPODA: Decapoda	
Argis dentata	MOLLUSCA: Gastropoda
Eualus gaimardi	*Dendronotus robustus*
ARTHROPODA: Isopoda	
Mesidotea sabini	
Mesidotea sibirica	
ECHINODERMATA: Asteroidea	
Urasterias lincki	
ECHINODERMATA: Holothuroidea	
Myriotrochus rinki	
Psolus phantapus	

Table 64. Benthic invertebrates collected by net from station 62-0034, 14 Aug; 62-0035, 14 Aug; 62-0038, 17 Aug; 62-0039, 17 Aug 1962.

Species	Species
ARTHROPODA: Amphipoda	ARTHROPODA: Decapoda
Acanthostepheia behringiensis	*Eualus gaimardi*
Acanthostepheia malmgreni	
Boeckosimus affinis	ARTHROPODA: Isopoda
Byblis sp.	*Mesidotea entomon*
Gammarus oceanicus	*Mesidotea sabini*
Gammarus setosus	
Onisimus litoralis	
ARTHROPODA: Cumacea	
Diastylis rathkei	

Table 65. Benthic invertebrates collected by trawl from station 62-0042, 21 Aug 1962.

Species
ARTHROPODA: Amphipoda
Anonyx nugax
Rhachotropis aculeata
ARTHROPODA: Decapoda
Eualus gaimardi
Sabinea septemcarinata
Spirontocaris spinus
ARTHROPODA: Isopoda
Mesidotea sabini
Synidotea bicuspida
ECHINODERMATA: Asteroidea
Ctenodiscus crispatus
Leptasterias groenlandica
Urasterias lincki
ECHINODERMATA: Holothuroidea
Myriotrochus rinki
ECHINODERMATA: Ophiuroidea
Ophiocten sericeum
MOLLUSCA: Gastropoda
Buccinum angulosum
Buccinum polare
Buccinum scalariforme (as *B. tenue*)
Cylichna alba
Natica clausa
Neptunea heros
Plicifusus kroyeri
Tachyrhynchus erosus
Volutopsius deformis
MOLLUSCA: Pelecypoda
Clinocardium ciliatum
Liocyma fluctuosa
Macoma calcarea
Musculus niger
Yoldia hyperborea (*hyperborea*)

Table 66. Benthic invertebrates collected by trawl from station 62-0043, 21 Aug 1962.

Species
ARTHROPODA: Amphipoda
Acanthostepheia malmgreni
ARTHROPODA: Decapoda
Argis dentata
Eualus gaimardi
Eualus g. belcheri
Lebbeus groenlandicus
Sabinea septemcarinata
ARTHROPODA: Isopoda
Mesidotea sabini
Synidotea bicuspida
COELENTERATA: Anthozoa
Allantactis parasitica
ECHINODERMATA: Asteroidea
Ctenodiscus crispatus
Icasterias panopla
Pontaster tenuispinus
Urasterias lincki
ECHINODERMATA: Ophiuroidea
Gorgonocephalus caryi (japonicus)
Ophiacantha bidentata
Ophiocten sericeum
MOLLUSCA: Gastropoda
Buccinum polare
Buccinum scalariforme (as *B. tenue*)
Colus togatus
Dendronotus sp.
Natica clausa
MOLLUSCA: Pelecypoda
Clinocardium ciliatum?
Musculus niger
Nuculana pernula
Pecten groenlandicus (as *Delectopecten*)

Table 67. Benthic invertebrates collected by trawl from station 62-0047, 25 Aug 1962.

Species
ECHINODERMATA: Holothuroidea
Myriotrochus rinki

Table 68. Benthic invertebrates collected by trawl from station 62-0048, and 62-0049, 29 Aug 1962.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Pleustes panoplus	*Astarte montagui* (f. warhami)
	Macoma calcarea
ARTHROPODA: Decapoda	*Macoma moesta*
Spirontocaris phippsi	*Musculus discors* (f. laevigatus)
	Mya truncata
ARTHROPODA: Isopoda	*Mytilus edulis*
Synidotea bicuspida	
ECHINODERMATA: Asteroidea	
Leptasterias groenlandica	
Urasterias lincki	
ECHINODERMATA: Ophiuroidea	
Ophiacantha bidentata	
ECTOPROCTA	
Hincksina nigrans	
Tegella armifera	
MOLLUSCA: Gastropoda	
Margarites costalis	

Table 69. Benthic invertebrates collected by trawl from station 63-0001, 19 Jul 1963.

Species
ARTHROPODA: Amphipoda
Gammarus setosus
Rhachotropis aculeata
ARTHROPODA: Decapoda
Spirontocaris phippsi

Table 70. Benthic invertebrates collected by trawl from station 63-0003, 19 Jul 1963.

Species	Species
ARTHROPODA: Cirripedia	ECHINODERMATA: Ophiuroidea
Balanus balanus	*Ophiocten sericeum*
ARTHROPODA: Decapoda	*Ophiura robusta*
Eualus gaimardi	MOLLUSCA: Amphineura
Hyas coarctatus	*Tonicella marmorea*
Lebbeus groenlandicus	MOLLUSCA: Gastropoda
Lebbeus polaris	*Onchidiopsis glacialis*
Sabinea septemcarinata	
Spirontocaris phippsi	
CHORDATA: Ascidiacea	
Boltenia echinata	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Holothuroidea	
Myriotrochus rinki	

Table 71. Benthic invertebrates collected by trawl from station 63-0004, 24 Jul 1963.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Holothuroidea
Chone infundibuliformis	*Myriotrochus rinki*
Harmothoe nodosa	*Psolus fabricii*
Laonice cirrata	
Onuphis conchylega	ECHINODERMATA: Ophiuroidea
Pectinaria hyperborea	*Ophiocten sericeum*
Scalibregma inflatum	*Ophiopleura borealis*
Spiochaetopterus typicus	
Terebellides stroemi	MOLLUSCA: Gastropoda
	Boreotrophon clathratus
ARTHROPODA: Amphipoda	*Buccinum angulosum*
Acanthostepheia malmgreni	*Buccinum scalariforme* (as *B. tenue*)
Anonyx nugax	*Colus togatus*
Arrhis phyllonyx	*Lunatia pallida*
Monoculodes longirostris	*Tachyrhynchus erosus*
Stegocephalus inflatus	*Volutopsius deformis*
ARTHROPODA: Decapoda	MOLLUSCA: Pelecypoda
Argis dentata	*Astarte borealis*
Eualus g. belcheri	*Bathyarca glacialis*
Sabinea septemcarinata	*Clinocardium ciliatum*
Spirontocaris spinus	*Macoma moesta*
	Musculus niger
ARTHROPODA: Isopoda	*Pecten groenlandicus*
Mesidotea sabini	*Yoldia hyperborea* (*hyperborea*)
ARTHROPODA: Pycnogonida	NEMERTINA
Nymphon longitarse	Nemerteans
BRACHIOPODA	PRIAPULIDA
Hemithyris psittacea	*Priapulus caudatus*
COELENTERATA: Anthozoa	PORIFERA
Allantactis parasitica	Sponge
Gersemia rubiformis	
	SIPUNCULA
COELENTERATA: Hydrozoa	*Phascolion strombi*
Gonothyraea loveni	Sipunculan
ECHINODERMATA: Asteroidea	
Ctenodiscus crispatus	
Urasterias lincki	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	

Table 72. Benthic invertebrates collected by trawl from station 63-0005, 25 Jul 1963.

Species	Species
ARTHROPODA: Amphipoda	ECHINODERMATA: Asteroidea
Acanthostepheia malmgreni	*Ctenodiscus crispatus*
Anonyx nugax	
Arrhis phyllonyx	ECHINODERMATA: Ophiuroidea
Rozinante fragilis	*Gorgonocephalus arcticus*
	Ophiocten sericeum
ARTHROPODA: Decapoda	
Argis dentata	MOLLUSCA: Gastropoda
Eualus gaimardi	*Colus togatus*
Sabinea septemcarinata	
ARTHROPODA: Isopoda	
Mesidotea sabini	
Munnopsis typica	
COELENTERATA: Anthozoa	
Allantactis parasitica	

Table 73. Benthic invertebrates collected by trawl from station 63-0006, 25 Jul 1963.

Species	Species
ARTHROPODA: Amphipoda	ECHINODERMATA: Asteroidea
Acanthostepheia malmgreni	*Pontaster tenuispinus*
Epimeria loricata	*Poraniomorpha tumida*
Stegocephalus inflatus	
	ECHINODERMATA: Crinoidea
ARTHROPODA: Decapoda	*Heliometra glacialis*
Eualus gaimardi	*Poliometra prolixa?*
ARTHROPODA: Isopoda	ECHINODERMATA: Ophiuroidea
Munnopsis typica	*Gorgonocephalus arcticus*
Munnopsurus gigantea	*Gorgonocephalus caryi (japonica)*
	Ophiacantha bidentata
ARTHROPODA: Pycnogonida	*Ophiocten sericeum*
Boreonymphon ossiansarsi	*Ophiopleura borealis*
Nymphon gracilipes	
Nymphon hirtipes	
Pseudopallene brevicollis	

Table 74. Benthic invertebrates collected by trawl from station 63-0007, 26-31 Jul 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Cirratulus cirratus	*Amauropsis purpurea*
Harmothoe nodosa	*Boreotrophon pacificus*
Nereimyra aphroditoides	*Buccinum scalariforme* (as *B. tenue*)
Sternaspis scutata	*Dentronutus frondosus*
	Dendronotus robustus
ARTHROPODA: Amphipoda	*Lacuna* sp.
Acanthostepheia behringiensis	*Lunatia pallida*
Ampelisca macrocephala	*Neptunea heros*
Anonyx makarovi	*Oenopota arctica*
Anonyx nugax	
Byblis sp.	MOLLUSCA: Pelecypoda
Ischyrocerus latipes	*Astarte borealis*
Orchomene pinguis	*Astarte montagui* (f. warhami)
Paroediceros sp.	*Clinocardium ciliatum*
Pleustes panoplus	*Hiatella arctica*
Rhachotropis aculeata	*Liocyma fluctuosa*
	Macoma calcarea
ARTHROPODA: Cirripedia	*Macoma moesta*
Balanus balanoides	*Musculus discors*
Balanus balanus	*Musculus niger*
Balanus crenatus	*Mya truncata*
	Serripes groenlandicus
ARTHROPODA: Cumacea	*Thracia devexa*
Diastylis rathkei	
	SIPUNCULA
ARTHROPODA: Decapoda	Sipunculan
Argis dentata	
Eualus gaimardi	
Eualus g. belcheri	
Hyas coarctatus	
Lebbeus groenlandicus	
Lebbeus polaris	
Pagurus pubescens	
Sabinea septemcarinata	
Sclerocrangon boreas	
Spirontocaris phippsi	
Spirontocaris spinus	
CHORDATA: Ascidiacea	
Dendrodoa sp.	
Ascidians	
ECHINODERMATA: Ophiuroidea	
Stegophiura nodosa	

Table 75. Benthic invertebrates collected by trawl from station 63-0008, 1 Aug 1963.

Species
ARTHROPODA: Decapoda
Argis dentata
Eualus gaimardi
Hyas coarctatus
Sabinea septemcarinata
ARTHROPODA: Isopoda
Mesidotea sabini
ECHINODERMATA: Holothuroidea
Myriotrochus rinki
ECHINODERMATA: Ophiuroidea
Ophiocten sericeum

Table 76. Benthic invertebrates collected by trawl from station 63-0009, 1 Aug 1963.

Species
ARTHROPODA: Cumacea
Diastylis rathkei
Leucon nasica
ARTHROPODA: Decapoda
Eualus gaimardi
Lebbeus groenlandicus
Sabinea septemcarinata
ECHINODERMATA: Holothuroidea
Holothuroid
ECHINODERMATA: Ophiuroidea
Ophiocten sericeum
MOLLUSCA: Gastropoda
Margarites costalis
Moelleria costulata
Natica clausa
PORIFERA
Suberites ficus

Table 77. Benthic invertebrates collected by trawl from station 63-0010, 1 Aug 1963.

Species
ANNELIDA: Polychaeta
Pectinaria hyperborea
ARTHROPODA: Amphipoda
Anonyx nugax
Stegocephalus inflatus
ARTHROPODA: Decapoda
Sabinea septemcarinata
ARTHROPODA: Isopoda
Mesidotea sabini
BRACHIOPODA
Hemithyris psittacea
ECHINODERMATA: Ophiuroidea
Gorgonocephalus arcticus
Ophiocten sericeum
MOLLUSCA: Cephalopoda
Rossia molleri
MOLLUSCA: Gastropoda
Beringuis beringi
Buccinum angulosum
Buccinum polare
Buccinum scalariforme (as *B. tenue*)
Colus togatus
Lunatia pallida
Natica clausa
Volutopsius deformis
SIPUNCULA
Phascolion strombi

Table 78. Benthic invertebrates collected by trawl from station 63-0011, 3 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	COELENTERATA: Anthozoa
Ampharete arctica	*Allantactis parasitica*
Eucranta villosa	
	ECHINODERMATA: Asteroidea
ARTHROPODA: Amphipoda	*Pontaster tenuispinus*
Epimeria loricata	*Urasterias lincki*
Ischyrocerus stephenseni	
Stegocephalus inflatus	ECHINODERMATA: Crinoidea
	Heliometra glacialis.
ARTHROPODA: Decapoda	
Argis dentata	ECHINODERMATA: Ophiuroidea
Eualus gaimardi belcheri	*Gorgonocephalus* sp.
Sabinea septemcarinata	*Ophiacantha bidentata*
Sclerocrangon ferox	*Ophiocten sericeum*
	Ophiopleura borealis
ARTHROPODA: Pycnogonida	
Boreonymphon abyssorum	MOLLUSCA: Cephalopoda
Boreonymphon ossiansarsi	*Bathypolypus arcticus*
Nymphon gracilipes	
Nymphon hirtipes	MOLLUSCA: Gastropoda
	Buccinum angulosum
	Colus togatus
	Velutina undata

Table 79. Benthic invertebrates collected by trawl from station 63-0012, 4 Aug 1963.

Species	Species
ARTHROPODA: Decapoda	MOLLUSCA: Cephalopoda
Argis dentata	*Rossia molleri*
Eualus gaimardi	
Sabinea septemcarinata	MOLLUSCA: Gastropoda
	Buccinum scalariforme (as *B. tenue*)
ARTHROPODA: Isopoda	*Colus togatus*
Mesidotea sabini	*Cylichna alba*
	Neptunea despecta
COELENTERATA: Anthozoa	
Allantactis parasitica	MOLLUSCA: Pelecypoda
	Astarte borealis
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	

Table 80. Benthic invertebrates collected by trawl from station 63-0013, 4 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Pelecypoda
Onuphis conchylega	*Hiatella arctica*
Pista maculata	*Pecten groenlandicus*
ARTHROPODA: Amphipoda	
Amphipods	
ARTHROPODA: Cirripedia	
Balanus balanus	
ARTHROPODA: Decapoda	
Argis dentata	
Eualus gaimardi belcheri	
Lebbeus groenlandicus	
Lebbeus polaris	
Sabinea septemcarinata	
Spirontocaris phippsi	
Spirontocaris spinus	
ARTHROPODA: Isopoda	
Mesidotea sabini	
BRACHIOPODA	
Hemithyris psittacea	
ECHINODERMATA: Asteroidea	
Urasterias lincki	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	
MOLLUSCA: Amphineura	
Tonicella marmorea	
MOLLUSCA: Cephalopoda	
Rossia molleri	
MOLLUSCA: Gastropoda	
Buccinum scalariforme (as *B. tenue*)	
Lepeta caeca	
Neptunea heros	

Table 81. Benthic invertebrates collected by trawl from station 63-0014, 5 Aug 1963.

Species
ARTHROPODA: Amphipoda
Acanthostepheia malmgreni
Epimeria loricata
Stegocephalus inflatus
ARTHROPODA: Decapoda
Eualus g. belcheri
Sabinea septemcarinata
Sclerocrangon boreas
Sclerocrangon ferox
ARTHROPODA: Pycnogonida
Boreonymphon abyssorum
Boreonymphon ossiansarsi
COELENTERTA: Anthozoa
Allantactis parasitica
ECHINODERMATA: Crinoidea
Heliometra glacialis
ECHINODERMATA: Holothuroidea
Molpadia arctica
ECHINODERMATA: Ophiuroidea
Gorgonocephalus arcticus
Ophiacantha bidentata
Ophiocten sericeum
Ophiopleura borealis
Stegophiura nodosa
MOLLUSCA: Gastropoda
Colus pubescens
Colus togatus
PORIFERA
Polymastia hemisphaericum

Table 82. Benthic invertebrates collected by trawl from station 63-0015, 7 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Cephalopoda
Gattyana cirrosa	*Rossia molleri*
Harmothoe imbricata	
Onuphis conchylega	MOLLUSCA: Gastropoda
Pectinaria hyperborea	*Boreotrophon pacificus*
Pista maculata	*Buccinum polare*
	Buccinum scalariforme (as *B. tenue*)
ARTHROPODA: Amphipoda	*Colus pubescens*
Haploops sp.	*Colus togatus*
	Lepeta caeca
ARTHROPODA: Cirripedia	*Lunatia pallida*
Balanus balanus	*Margarites olivaceus*
	Margarites umbilicalis
ARTHROPODA: Decapoda	*Natica clausa*
Argis dentata	*Neptunea heros*
Eualus g. belcheri	*Volutopsius deformis*
Sabinea septemcarinata	
	MOLLUSCA: Pelecypoda
ARTHROPODA: Isopoda	*Astarte borealis*
Mesidotea sabini	*Astarte montagui* (f. warhami)
Synidotea bicuspida	*Bathyarca glacialis*
	Clinocardium ciliatum
ARTHROPODA: Pycnogonida	*Hiatella arctica*
Boreonymphon ossiansarsi	*Macoma calcarea*
	Macoma moesta
BRACHIOPODA	*Mya truncata*
Hemithyris psittacea	*Nucula belloti*
	Nuculana pernula
COELENTERATA: Anthozoa	*Pecten groenlandicus*
Allantactis parasitica	*Periploma abyssorum*
Gersemia rubiformis	*Yoldia hyperborea* (*hyperborea*)
ECHINODERMATA: Asteroidea	SIPUNCULA
Ctenodiscus crispatus	*Phascolion strombi*
Leptasterias groenlandica	
Pontaster tenuispinus	
Solaster papposus	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Ophiuroidea	
Gorgonocephalus sp.	
Ophiocten sericeum	
Ophiopleura borealis	

Table 83. Benthic invertebrates collected by trawl from station 63-0016, 7 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Pelecypoda
Gattyna cirrosa	*Bathyarca glacialis*
Pectinaria hyperborea	*Clinocardium ciliatum*
Pista maculata	*Hiatella arctica*
	Nuculana pernula
ARTHROPODA: Amphipoda	*Pecten groenlandicus*
Stegocephalus inflatus	
	SIPUNCULA
ARTHROPODA: Decapoda	*Phascolion strombi*
Argis dentata	
Eualus g. belcheri	
Lebbeus polaris	
Sabinea septemcarinata	
Spirontocaris spinus	
ARTHROPODA: Isopoda	
Mesidotea sabini	
ARTHROPODA: Pycnogonida	
Boreonymphon abyssorum	
Boreonymphon ossiansarsi	
COELENTERATA: Anthozoa	
Allantactis parasitica	
ECHINODERMATA: Asteroidea	
Ctenodiscus crispatus	
Leptasterias groenlandica	
Urasterias lincki	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Ophiuroidea	
Gorgonocephalus sp.	
Ophiocten sericeum	
Ophiopleura borealis	
MOLLUSCA: Cephalopoda	
Rossia molleri	
MOLLUSCA: Gastropoda	
Margarites costalis	
Velutina undata	

Table 84. Benthic invertebrates collected by trawl from station 63-0018, 9 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Exogone naidina	*Neptunea heros*
Gattyana cirrosa	*Onchidiopsis glacialis*
Pectinaria hyperborea	*Tachyrhynchus erosus*
Scoloplos armiger	*Trichotropis borealis*
Syllis fasciata	*Volutopsius deformis*
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Anonyx makarovi	*Astarte borealis*
Socarnes bidenticulatus	*Bathyarca glacialis*
	Clinocardium ciliatum
ARTHROPODA: Cirripedia	*Hiatella arctica*
Balanus balanus	*Lyocyma fluctuosa*
	Macoma calcarea
ARTHROPODA: Decapoda	*Nuculana pernula*
Argis dentata	*Serripes groenlandicus*
Eualus g. belcheri	
Lebbeus groenlandicus	NEMERTINA
Lebbeus polaris	Nemerteans
Sabinea septemcarinata	
	PORIFERA
ARTHROPODA: Isopoda	Sponges
Mesidotea sabini	
	SIPUNCULA
COELENTERATA: Anthozoa	*Phascolion strombi*
Allantactis parasitica	
Gersemia rubiformis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Ophiuroidea	
Gorgonocephalus arcticus	
Ophiocten sericeum	
Ophiura robusta	
MOLLUSCA: Cephalopoda	
Rossia molleri	
MOLLUSCA: Gastropoda	
Admete couthouyi	
Buccinum angulosum	
Buccinum ciliatum	
Buccinum polare	
Buccinum scalariforme (as *B. tenue*)	
Lunatia pallida	
Margarites costalis	
Natica clausa	

Table 85. Benthic invertebrates collected by trawl from station 63-0019, 12 Aug 1963.

Species
ANNELIDA: Polychaeta
Onuphis conchylega
Pectinaria hyperborea
Pista maculata
Spiochaetopterus typicus
ARTHROPODA: Amphipoda
Anonyx nugax
Haploops sp.
ARTHROPODA: Cumacea
Diastylis goodsiri
ARTHROPODA: Decapoda
Argis dentata
Sabinea septemcarinata
ARTHROPODA: Isopoda
Gnathia elongata
Mesidotea sabini
ARTHROPODA: Pycnogonida
Boreonymphon abyssorum
Boreonymphon ossiansarsi
COELENTERATA: Anthozoa
Allantactis parasitica
Gersemia rubiformis
ECHINODERMATA: Asteroidea
Ctenodiscus crispatus
Pontaster tenuispinus
ECHINODERMATA: Crinoidea
Heliometra glacialis
ECHINODERMATA: Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA: Ophiuroidea
Gorgonocephalus arcticus
Ophiocten sericeum
Ophiopleura borealis
ECTOPROCTA
Kinetoskias arborescens
MOLLUSCA: Cephalopoda
Bathypolypus arcticus
Rossia molleri
MOLLUSCA: Gastropoda
Buccinum polare
Buccinum scalariforme (as *B. tenue*)
Colus togatus
Cylichna alba
Margarites costalis
Margarites olivaceus
Philine finmarchica
MOLLUSCA: Pelecypoda
Astarte borealis
Bathyarca glacialis
Clinocardium ciliatum
Hiatella arctica
Nucula belloti
Pecten groenlandicus
SIPUNCULA
Phascolion strombi

Table 86. Benthic invertebrates collected by trawl from station 63-0020, 12 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Chone sp.	*Admete couthouyi*
	Buccinum hydrophanum
ARTHROPODA: Amphipoda	*Buccinum polare*
Ampelisca eschrichti	*Buccinum scalariforme* (as *B. tenue*)
Anonyx nugax	*Colus togatus*
Haploops sp.	*Cylichna occulta*
Stegocephalus inflatus	*Lunatia pallida*
	Natica clausa
ARTHROPODA: Cumacea	*Volutopsius deformis*
Diastylis goodsiri	
	PORIFERA
ARTHROPODA: Decapoda	*Polymastia mammillaris* (*grimaldi*)
Sabinea septemcarinata	
	SIPUNCULA
ARTHROPODA: Isopoda	*Phascolion strombi*
Mesidotea sabini	
Mesidotea sibirica	
CHORDATA: Ascidiacea	
Ascidia obliqua?	
COELENTERATA: Anthozoa	
Allantactis parasitica	
COELENTERATA: Hydrozoa	
Lafoea gracillima	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	
Ophiopleura borealis	
MOLLUSCA: Cephalopoda	
Rossia molleri	

Table 87. Benthic invertebrates collected by trawl from station 63-0022, 13 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Asteroidea
Onuphis conchylega	*Ctenodiscus crispatus*
Pectinaria hyperborea	*Leptasterias groenlandica*
	Urasterias lincki
ARTHROPODA: Amphipoda	
Acanthostepheia malmgreni	ECHINODERMATA: Echinoidea
Anonyx makarovi	*Strongylocentrotus droebachiensis*
Anonyx nugax	
Arrhis phyllonyx	ECHINODERMATA: Ophiuroidea
Haploops sp.	*Ophiocten sericeum*
Pontoporeia femorata	
Stegocephalus inflatus	MOLLUSCA: Cephalopoda
	Rossia molleri
ARTHROPODA: Decapoda	
Eualus gaimardi	MOLLUSCA: Gastropoda
Sabinea septemcarinata	*Buccinum angulosum*
	Buccinum scalariforme (as *B. tenue*)
ARTHROPODA: Isopoda	*Lunatia pallida*
Mesidotea sabini	
Mesidotea sibirica	MOLLUSCA: Pelecypoda
	Clinocardium ciliatum
BRACHIOPODA	*Macoma calcarea*
Hemithyris psittacea	
	SIPUNCULA
COELENTERATA: Anthozoa	*Phascolion strombi*
Allantactis parasitica	

Table 88. Benthic invertebrates collected by trawl from station 63-0024, 20 Aug 1963.

Species	Species
ARTHROPODA: Decapoda	MOLLUSCA: Cephalopoda
Eualus gaimardi	*Bathypolypus arcticus*
ARTHROPODA: Pycnogonida	
Boreonymphon abyssorum	

Table 89. Benthic invertebrates collected by trawl from station 63-0025, 20 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Echinoidea
Flabelligera affinis	*Strongylocentrotus droebachiensis*
Gattyana cirrosa	
Harmothoe nodosa	ECHINODERMATA: Ophiuroidea
Nereis pelagica	*Gorgonocephalus* sp.
Nereis zonata	*Ophiacantha bidentata*
Onuphis conchylega	*Ophiocten sericeum*
Pista maculata	*Ophiopleura borealis*
Sabellides borealis	
Spiochaetopterus typicus	ECTOPROCTA
	Alcyonidium gelatinosum
ARTHROPODA: Amphipoda	
Anonyx makarovi	MOLLUSCA: Cephalopoda
Anonyx nugax	*Rossia molleri*
Haploops sp.	
Paramphithoe hystrix	MOLLUSCA: Gastropoda
Stegocephalus inflatus	*Admete couthouyi*
Tmetonyx cicada	*Colus pubescens*
	Colus togatus
ARTHROPODA: Decapoda	*Margarites costalis*
Eualus gaimardi	
	MOLLUSCA: Pelecypoda
ARTHROPODA: Pycnogonida	*Astarte crenata (crenata)*
Boreonymphon abyssorum	*Bathyarca glacialis*
Boreonymphon ossiansarsi	*Pecten groenlandicus*
Nymphon gracilipes	
Nymphon hirtipes	
Nymphon longitarse	
Nymphon sluiteri	
Pseudopallene brevicollis	
COELENTERATA: Anthozoa	
Allantactis parasitica	
Gersemia rubiformis	
COELENTERATA: Hydrozoa	
Lafoea gracillima	
ECHINODERMATA: Asteroidea	
Lophaster furcifer	
Pontaster tenuispinus	
Poraniomorpha tumida	
Urasterias lincki	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	

Table 90. Benthic invertebrates collected by trawl from station 63-0026, 20 Aug 1963.

Species
ANNELIDA: Polychaeta
Antinoella badia
Eucranta villosa
Gattyana cirrosa
Harmothoe extenuata
Harmothoe nodosa
Onuphis conchylega
Paranaitis wahlbergi
Pectinaria hyperborea
Pionosyllis sp.
Pista maculata
Spiochaetopterus typicus
ARTHROPODA: Amphipoda
Haploops tubicola
Ischyrocerus stephenseni
Tmetonyx cicada
ARTHROPODA: Cumacea
Diastylis goodsiri
ARTHROPODA: Decapoda
Argis dentata
Eualus gaimardi
Eualus g. belcheri
Lebbeus groenlandicus
Sabinea septemcarinata
Spirontocaris spinus
ARTHROPODA: Isopoda
Mesidotea sabini
ARTHROPODA: Pycnogonida
Boreonymphon abyssorum
Boreonymphon ossiansarsi
Collossendeis proboscidea
Nymphon hirtipes
Pseudopallene brevicollis
COELENTERATA: Anthozoa
Allantactis parasitica
ECHINODERMATA: Asteroidea
Leptasterias groenlandica
Pontaster tenuispinus
Poraniomorpha tumida
Urasterias lincki
ECHINODERMATA: Crinoidea
Heliometra glacialis
Poliometra prolixa
ECHINODERMATA: Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA: Ophiuroidea
Gorgonocephalus caryi
Ophiacantha bidentata
Ophiocten sericeum
Ophiura robusta
MOLLUSCA: Cephalopoda
Rossia molleri
MOLLUSCA: Gastropoda
Beringius beringi
Boreotrophon pacificus
Colus togatus
Lunatia pallida
Margarites costalis
MOLLUSCA: Pelecypoda
Astarte montagui (f. warhami)
Bathyarca glacialis
Clinocardium ciliatum
Hiatella arctica
Nuculana pernula
Pecten groenlandicus

Table 91. Benthic invertebrates collected by trawl from station 63-0027, 20 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Cephalopoda
Maldane sarsi	*Rossia molleri*
Nephtys ciliata	
Pectinaria hyperborea	MOLLUSCA: Gastropoda
Spiochaetopterus typicus	*Buccinum angulosum*
	Buccinum polare
ARTHROPODA: Amphipoda	*Buccinum scalariforme* (as *B. tenue*)
Acanthostepheia malmgreni	*Colus togatus*
Anonyx nugax	*Cylichna alba*
Arrhis phyllonyx	*Lunatia pallida*
Haploops sp.	*Margarites costalis*
Rhachotropis aculeata	*Plicifusus kroyeri*
	Tachyrhynchus erosus
ARTHROPODA: Cumacea	
Leucon nasica	MOLLUSCA: Pelecypoda
	Astarte borealis
ARTHROPODA: Decapoda	*Macoma calcarea*
Argis dentata	*Musculus corrugatus*
Eualus g. belcheri	*Musculus niger*
Hyas coarctatus	*Nuculana pernula*
Sabinea septemcarinata	*Yoldia hyperborea* (*hyperborea*)
ARTHROPODA: Isopoda	
Mesidotea sabini	
ARTHROPODA: Pycnogonida	
Nymphon hirtipes	
COELENTERATA: Anthozoa	
Allantactis parasitica	
ECHINODERMATA: Asteroidea	
Ctenodiscus crispatus	
Urasterias lincki	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Holothuroidea	
Myriotrochus rinki	
ECHINODERMATA: Ophiuroidea	
Gorgonocephalus sp.	
Ophiocten sericeum	

Table 92. Benthic invertebrates collected by trawl from station 63-0028, 20 Aug 1963.

Species
ANNELIDA: Polychaeta
Pectinaria hyperborea
Pista maculata
ARTHROPODA: Amphipoda
Amphipods
ARTHROPODA: Cirripedia
Balanus balanus
ARTHROPODA: Decapoda
Argis dentata
Eualus gaimardi
Eualus g. belcheri
Lebbeus groenlandicus
Sabinea septemcarinata
ARTHROPODA: Isopoda
Mesidotea sabini
COELENTERATA: Anthozoa
Allantactis parasitica
ECHINODERMATA: Asteroidea
Ctenodiscus crispatus
Urasterias lincki
ECHINODERMATA: Crinoidea
Heliometra glacialis
ECHINODERMATA: Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA: Ophiuroidea
Gorgonocephalus sp.
Ophiocten sericeum
MOLLUSCA: Gastropoda
Colus togatus
Tachyrhynchus erosus
MOLLUSCA: Pelecypoda
Bathyarca glacialis
Musculus niger
Pecten groenlandicus

Table 93. Benthic invertebrates collected by trawl from station 63-0031, 25 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	PRIAPULIDA
Ampharete acutifrons	*Priapulus caudatus*
Euchone papillosa	
Eucranta villosa	SIPUNCULA
Maldane sarsi	*Phascolion strombi*
Terebellides stroemi	
ARTHROPODA: Isopoda	
Mesidotea sabini	
ARTHROPODA: Pycnogonida	
Boreonymphon abyssorum	
COELENTERATA: Anthozoa	
Allantactis parasitica	
Gersemia rubiformis	
ECHINODERMATA: Asteroidea	
Hymenaster pellucidus	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Ophiuroidea	
Gorgonocephalus arcticus	
Ophiacantha bidentata	
Ophiocten sericeum	
Ophiopleura borealis	
ECTOPROCTA	
Alcyonidium gelatinosum	
MOLLUSCA: Gastropoda	
Beringius beringi	
Buccinum angulosum	
Buccinum hydrophanum	
Colus togatus	
Colus pubescens	
Velutina undata	
MOLLUSCA: Pelecypoda	
Astarte crenata (crenata)	
Musculus discors	
MOLLUSCA: Scaphopoda	
Siphonodentalium lobatum	

Table 94. Benthic invertebrates collected by trawl from station 63-0032, 28 Aug 1963.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Holothuroidea
Gattyana cirrosa	*Myriotrochus rinki*
Harmothoe extenuata	
Maldane sarsi	ECHINODERMATA: Ophiuroidea
Pectinaria hyperborea	*Amphiura sundevalli*
Pista maculata	*Gorgonocephalus arcticus*
	Ophiacantha bidentata
ARTHROPODA: Amphipoda	*Ophiocten sericeum*
Anonyx nugax	*Ophiopleura borealis*
Haploops sp.	
Socarnes bidenticulatus	MOLLUSCA: Cephalopoda
Stegocephalus inflatus	*Rossia molleri*
ARTHROPODA: Cirripedia	MOLLUSCA: Gastropoda
Balanus balanus	*Buccinum angulosum*
	Buccinum polare
ARTHROPODA: Cumacea	*Buccinum scalariforme* (as *B. tenue*)
Diastylis goodsiri	*Buccinum* sp.
	Colus togatus
ARTHROPODA: Decapoda	*Margarites costalis*
Argis dentata	*Natica clausa*
Chionoecetes opilio	*Tachyrhynchus erosus*
Eualus gaimardi	*Volutopsius deformis*
Sabinea septemcarinata	
	MOLLUSCA: Pelecypoda
ARTHROPODA: Isopoda	*Bathyarca glacialis*
Mesidotea sabini	*Clinocardium ciliatum*
Synidotea bicuspida	*Nucula belloti*
	Nuculana pernula
ARTHROPODA: Pycnogonida	*Periploma abyssorum*
Boreonymphon ossiansarsi	*Yoldia hyperborea* (*hyperborea*)
Nymphon hirtipes	
	NEMERTINA
COELENTERATA: Anthozoa	Nemerteans
Allantactis parasitica	
Stomphia coccinea	SIPUNCULA
	Phascolion strombi
ECHINODERMATA: Asteroidea	Sipunculans
Ctenodiscus crispatus	
Hymenaster pellucidus	
Poraniomorpha tumida	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	

Table 95. Benthic invertebrates collected by trawl from station 63-0034, 5 Sep 1963.

Species
ANNELIDA: Polychaeta
Branchiomma infarcta
Gattyana cirrosa
Nephtys ciliata
Pectinaria hyperborea
Pista maculata
ARTHROPODA: Amphipoda
Acanthostepheia malmgreni
Anonyx nugax
Arctopleustes glabricauda
Orchomene pinguis
Paramphithoe hystrix
Socarnes bidenticulatus
Stegocephalus inflatus
ARTHROPODA: Cumacea
Diastylis goodsiri
ARTHROPODA: Decapoda
Argis dentata
Chionoecetes opilio
Sabinea septemcarinata
ARTHROPODA: Isopoda
Mesidotea sabini
Synidotea bicuspida
ARTHROPODA: Pycnogonida
Boreonymphon abyssorum
Nymphon hirtipes
COELENTERATA: Anthozoa
Allantactis parasitica
Gersemia rubiformis
ECHINODERMATA: Asteroidea
Ctenodiscus crispatus
Pontaster tenuispinus
ECHINODERMATA: Crinoidea
Heliometra glacialis
ECHINODERMATA: Ophiuroidea
Gorgonocephalus arcticus
Ophiacantha bidentata
Ophiocten sericeum
Ophiopleura borealis
ECTOPROCTA
Alcyonidium gelatinosum
MOLLUSCA: Gastropoda
Admete couthouyi
Buccinum angulosum
Buccinum polare
Buccinum scalariforme (as *B. tenue*)
Colus pubescens
Colus togatus
Margarites olivaceus
Scolariella obscura
Trichotropis borealis
MOLLUSCA: Pelecypoda
Clinocardium ciliatum
Pecten groenlandicus
SIPUNCULA
Phascolion strombi

Table 96. Benthic invertebrates collected by trawl from station 63-0035, 5 Sep 1963.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Cephalopoda
Gattyana cirrosa	*Rossia molleri*
Maldane sarsi	
Pectinaria hyperborea	MOLLUSCA: Gastropoda
Pista maculata	*Buccinum polare*
Terebellides stroemi	*Colus togatus*
	Neptunea heros
ARTHROPODA: Amphipoda	
Haploops sp.	MOLLUSCA: Pelecypoda
	Bathyarca glacialis
ARTHROPODA: Decapoda	*Clinocardium ciliatum*
Argis dentata	*Hiatella arctica*
Sabinea septemcarinata	*Macoma moesta*
	Nuculana pernula
ARTHROPODA: Isopoda	*Pecten groenlandicus*
Mesidotea sabini	*Yoldia hyperborea (hyperborea)*
Synidotea bicuspida	
	SIPUNCULA
COELENTERATA: Anthozoa	*Phascolion strombi*
Allantactis parasitica	
Gersemia rubiformis	
ECHINODERMATA: Asteroidea	
Ctenodiscus crispatus	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Ophiuroidea	
Gorgonocephalus caryi (japonicus)	
Ophiocten sericeum	
Ophiopleura borealis	

Table 97. Benthic invertebrates collected by trawl from station 77-1020, 29 Jul 1977.

Species
PORIFERA
Polymastia hemisphaericum

Table 98. Benthic invertebrates collected by grab from Walker Bay, Aug 1985.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Aglaophamus malmgreni	*Buccinum scalariforme*
Ammotrypane aulogaster	*Cylichna alba*
Ampharete vega	*Lunatia pallida*
Antinoella sarsi	
Axiothella catenata	MOLLUSCA: Pelecypoda
Eteone flava	*Astarte borealis*
Gattyana cirrosa	*Astarte montagui*
Harmothoe imbricata	*Clinocardium ciliatum*
Lumbrineris fragilis	*Hiatella arctica*
Lumbrineris minuta	*Macoma balthica*
Lysippe labiata	*Macoma calcarea*
Melaenis loveni	*Macoma moesta*
Nephtys ciliata	*Musculus niger*
Pectinaria granulata	*Mya truncata*
Pectinaria hyperborea	*Nucula belloti*
Phyllodoce groenlandica	*Nuculana pernula*
Scoloplos armiger	*Portlandia arctica*
Terebellides stroemi	*Serripes groenlandicus*
	Thyasira gouldi
ARTHROPODA: Amphipoda	*Yoldia hyperborea* (*hyperborea*)
Anonyx nugax	
Boeckosimus affinis	NEMERTINA
Byblis gaimardi	Nemertean
Pontoporeia femorata	
	PRIAPULIDA
ARTHROPODA: Cirripedia	*Halicryptus spinulosus*
Balanus balanus	
	SIPUNCULA
ARTHROPODA: Isopoda	*Phascolion strombi*
Mesidotea entomon	
Mesidotea sabini	
ECHINODERMATA: Asteroidea	
Ctenodiscus crispatus	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Holothuroidea	
Myriotrochus rinki	
ECHINODERMATA: Ophiuroidea	
Ophiura robusta	

PART B

BENTHIC INVERTEBRATES COLLECTED FROM THE BATHURST INLET-DEASE STRAIT AREA, 1957 TO 1969

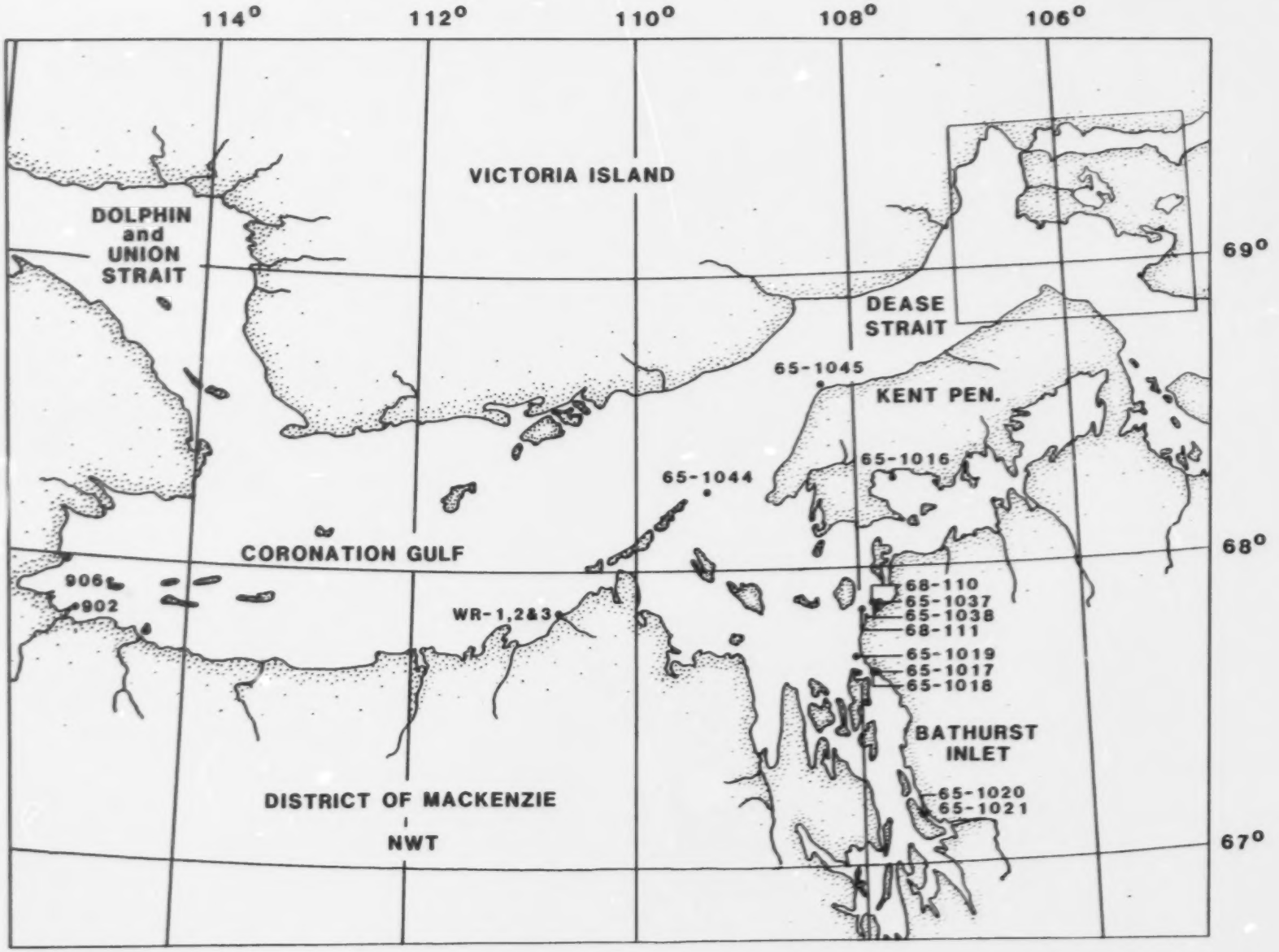

Fig. 5. Locations of benthic stations in the Bathurst Inlet - Dease Strait area.

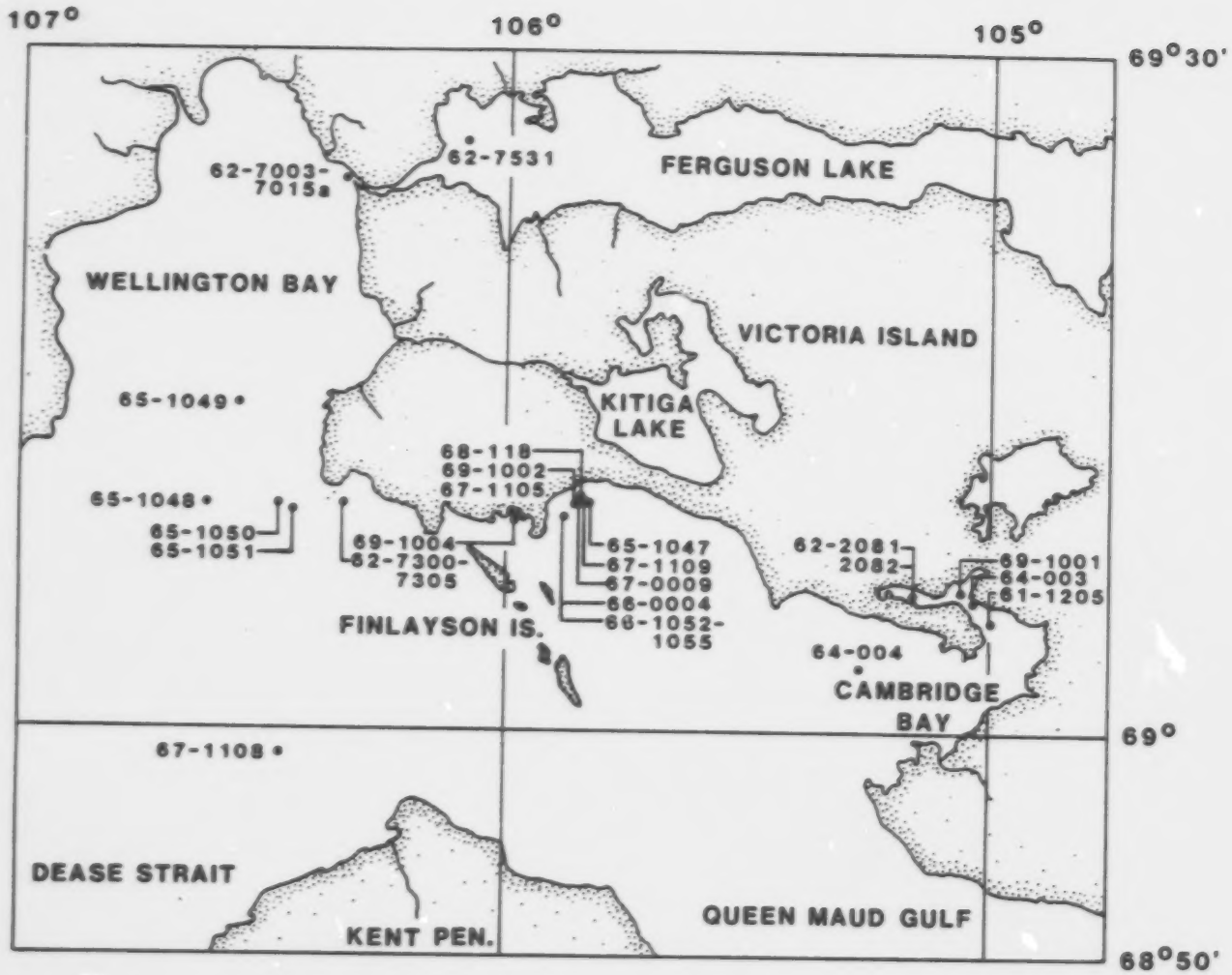

Fig. 6. Locations of benthic stations in eastern Dease Strait (rectangle of Fig. 5).

Table 99. Coordinates of stations sampled in the Bathurst Inlet-Dease Strait area from 1957 to 1969.

Station	North Latitude	West Longitude	Station	North Latitude	West Longitude
1957			1966		
902	67°50'	115°02'	66-0004	69°09.5'	105°52.7'
906	67°55'	114°55'	66-1052-1055	69°09.5'	105°52.7'
1961			1967		
61-1205	69°05'	105°00'	67-1105	69°10'	105°59.8'
1962			WR-1-3	67°53'	110°39.5'
			67-1108	68°58'8	106°28'
62-7003	69°24.3'	106°19.5'	67-1109	69°10.2'	105°50.7'
62-7004	69°24.3'	106°19.5'	67-0009	69°10'	105°51'
62-7006	69°24.3'	106°19.5'			
62-7008	69°24.3'	106°19.5'	1968		
62-7011	69°24.3'	106°19.5'			
62-7015	69°24.3'	106°19.5'	68-110	67°54'	110°51'
62-7015a	69°24.3'	106°19.5'	68-111	67°52.5'	107°57.2'
62-7531	69°26'	106°05'	68-118	69°10.5'	105°51'
62-7300	69°10'	106°20'			
62-7301	69°10'	106°20'	1969		
62-7302	69°10'	106°20'			
62-7305	69°10'	106°20'	69-1001	69°06.4'	105°04'
62-2081	69°06.2'	105°10'	69-1002	69°10.1'	110°51.5'
62-2082	69°06.2'	105°10'	69-1004	69°09.5'	105°58.8'
1964					
64-003	69°06'	105°02'			
64-004	69°02.8'	105°16.6'			
1965					
65-1016	68°18.9'	107°40'			
65-1017	67°41.8'	107°55'			
65-1018	67°41.8'	107°54.5'			
65-1019	67°43.6'	108°04'			
65-1020	67°09.5'	107°26'			
65-1021	67°09.5'	107°25'			
65-1037	67°53.8'	107°49'			
65-1038	67°51.7'	107°50.2'			
65-1044	68°18.2'	109°15'			
65-1045	68°39.4'	108°14.6'			
65-1047	69°10.1'	105°50'			
65-1048	69°09.8'	106°37'			
65-1049	69°14.4'	106°33'			
65-1050	69°10'	106°28'			
65-1051	69°09.7'	106°26'			

Table 100. Associated data for stations sampled in the Bathurst Inlet-Dease Strait area from 1957 to 1969.

Station	Date	Depth (m)	Time MST	Time GMT	Temp. (°C)	Sal. (°/oo)
1957						
902	26 Jul, 11 Aug 57	shore				
906	9 Aug 57	shore				
1961						
61-1205	5 Aug 61					
1962						
62-7003	29 Jun 62	3				
62-7004	10 Jul 62	11				
62-7006	22 Jul 62	20				
62-7008	28 Jul 62					
62-7011	12 Jul 62					
62-7015	9 Aug 62	23			-0.54	28.24
62-7015a	26 Aug 62	shore				
62-7531	5 Aug 62					
62-7300, 7301	23 Aug 62	30				
62-7302	23 Aug 62	50-60				
62-7305	24 Aug 62	20-30				
62-2081, 2082	10 Sep 62	16				
1964						
64-003	24 Aug 64	64			-1.47	29.10
64-004	6 Sep 64	38				
1965						
65-1016	10 Aug 65	12			1.46	26.92
65-1017	11 Aug 65	10-35				
65-1018	11 Aug 65	10-40				
65-1019	11 Aug 65	230			-1.18	30.48
65-1020, 1021	13 Aug 65	35			-0.84	28.18
65-1037	18 Aug 65	110			-1.04	28.37
65-1038	19 Aug 65	11			0.21	27.10
65-1044	23 Aug 65	120			-1.37	28.64
65-1045	23 Aug 65	7				26.10
65-1047	27 Aug 65	50			-1.27	28.98
65-1048	30 Aug 65	60			-1.24	29.99
65-1049	30 Aug 65	47			-1.06	28.80
65-1050	1 Sep 65	51			-0.60	28.46
65-1051	1 Sep 65	40			-0.60	28.46

Table 100. Continued.

Station	Date	Depth (m)	Time MST	Time GMT	Temp. (°C)	Sal. (°/oo)
1966						
66-0004	3-25 Aug 66	53				
66-1052-1055	11 Aug 66	53			-1.15	28.30
1967						
67-1105	16 Aug 67	53-56	1000	1700		
WR-1	16 Aug 67	shore				
WR-2	16 Aug 67	7				
WR-3	16 Aug 67	21				
67-1108	18 Aug 67	117-124	1050	1750		
67-1109	18 Aug 67	50			-1.29	29.07
67-0009	23 Nov 67	40			-1.18	
1968						
68-110	6 Aug 68	77			-1.16	28.36
68-111	6 Aug 68	93			-1.27	28.49
68-118a	20 Aug 68	5	1030	1730		
68-118b	20 Aug 68	15	1130	1830		
68-118c	20 Aug 68	26	1230	1930		
68-118d	20 Aug 68	34	1330	2030		
1969						
69-1001	6 Aug 69	47	1300	2000		
69-1002	8,9 Aug 69	53				
69-1004	11 Aug 69	5				

Table 101. Benthic invertebrates collected by hand from station 902, 26 Jul and 11 Aug 1957.

Species
MOLLUSCA: Gastropoda
Cylichna alba
Cylichna occulta
Lunatia pallida
Oenopota sp. (cf. *cinerea*)
MOLLUSCA: Pelecypoda
Macoma calcarea
Macoma torelli
Mya truncata

Table 102. Benthic invertebrates collected by hand from station 906, 9 Aug 1957.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Gammarus setosus	*Mytilus edulis*
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
MOLLUSCA: Gastropoda	
Acmaea testudinalis	
Buccinum scalariforme (as *B. tenue*)	

Table 103. Benthic invertebrates collected by net from station 61-1205, 5 Aug 1961.

Species
CHORDATA: Ascidiacea
Boltenia echinata

Table 104. Benthic invertebrates collected by net from station 62-7003, 29 Jun 1962.

Species
MOLLUSCA: Gastropoda
Cylichna sp.
MOLLUSCA: Pelecypoda
Hiatella arctica
Musculus discors (f. laevigatus & substriatus)
Mytilus edulis

Table 105. Benthic invertebrates collected by net from station 62-7004, 10 Jul 1962.

Species
ARTHROPODA: Amphipoda
Atylus carinatus
Boeckosimus plautus
Haploops laevis
Pontoporeia femorata
MOLLUSCA: Gastropoda
Natica clausa
MOLLUSCA: Pelecypoda
Macoma calcarea
Macoma moesta
Musculus discors (f. laevigatus & substriatus)
Portlandia arctica (f. portlandica)
Thyasira dunbari

Table 106. Benthic invertebrates collected by grab and net from station 62-7006, 22 Jul, and 62-7015, 9 Aug 1962.

Species
ARTHROPODA: Amphipoda
Anonyx lilljeborgi
Atylus carinatus
Boeckosimus plautus
Haploops laevis
Melita quadrispinosa
Menigratopsis svennilssoni
Pontoporeia femorata
ARTHROPODA: Cumacea
Diastylis rathkei
Diastylis scorpioides
COELENTERATA: Anthozoa
Cerianthus? sp.
ECHINODERMATA: Ophuiroidea
Aphiocten sericeum
MOLLUSCA: Gastropoda
Cylichna alba
Cylichna sp.
Natica clausa
MOLLUSCA: Pelecypoda
Astarte borealis (f. placenta)
Astarte montagui (f. warhami)
Hiatella arctica
Macoma calcarea
Macoma moesta
Musculus discors (f. substriatus & laevigatus)
Musculus niger
Mya truncata
Mytilus edulis
Nucula belloti
Nuculana pernula (costigera)
Portlandia arctica (f. portlandica)
Thyasira dunbari

Table 107. Benthic invertebrates collected by net from station 62-7008, 28 Jul, and 62-7011, 12 Jul 1962.

Species
MOLLUSCA: Pelecypoda
Astarte borealis (f. placenta)
Clinocardium ciliatum
Hiatella arctica
Serripes groenlandicus

Table 108. Benthic invertebrates collected by hand from station 62-7015a, 26 Aug 1962.

Species
ARTHROPODA: Isopoda
Mesidotea entomon

Table 109. Benthic invertebrates collected by grap from station 62-7531, 5 Aug 1962.

Species
ARTHROPODA: Amphipoda
Gammarus wilkitzkii

Table 110. Benthic invertebrates collected by trawl from station 62-7300, 62-7301, 23 Aug, and 62-7305, 24 Aug 1962.

Species	Species
ANNELIDA: Polychaetea	ECHINODERMATA: Holothuroidea
Chone sp.	*Cucumaria frondosa*
Polydora sp.	*Myriotrochus rinki*
Pectinaria hyperborea	*Psolus fabricii*
	Psolus phantapus
ARTHROPODA: Amphipoda	
Aeginina longicornis	ECHINODERMATA: Ophiuroidea
Ampelisca eschrichti	*Ophiocten sericeum*
Arrhis phyllonyx	
Haploops tubicola	MOLLUSCA: Gastropoda
Socarnes bidenticulatus	*Boreotrophon pacificus*
	Boreotrophon truncatus
ARTHROPODA: Cirripedia	*Buccinum hydrophanum*
Balanus balanus	*Buccinum undatum (belcheri)*
	Colus togatus
ARTHROPODA: Cumacea	*Cylichna alba*
Diastylis rathkei	*Margarites costalis*
Diastylis scorpioides	*Margarites umbilicalis*
	Trichotropis borealis
ARTHROPODA: Decapoda	
Argis dentata	MOLLUSCA: Pelecypoda
Eualus fabricii	*Astarte montagui* (f. warhami)
Lebbeus polaris	*Bathyarca glacialis*
Sabinea septemcarinata	*Clinocardium ciliatum*
	Hiatella arctica
ARTHROPODA: Pycnogonida	*Macoma moesta*
Boreonymphon robustum (as *Nymphon*)	*Musculus discors* (f. laevigatus)
Nymphon hirtipes	*Mya truncata*
	Nuculana pernula
BRACHIOPODA	*Pecten groenlandicus*
Hemithyris psittacea	*Portlandia arctica* (f. portlandica)
COELENTERATA: Anthozoa	SIPUNCULA
Stomphia coccinea	*Phascolion strombi*
ECHINODERMATA: Asteroidea	
Leptasterias groenlandica	
Poraniomorpha tumida	
Solaster papposus	
Urasterias lincki	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	

Table 111. Benthic invertebrates collected by trawl from station 62-7302, 23 Aug 1962.

Species
ARTHROPODA: Cumacea
Diastylis goodsiri
Diastylis spinulosa
ARTHROPODA: Decapoda
Sabinea septemcarinata
ARTHROPODA: Pycnogonida
Nymphon hirtipes
Nymphon mixtum
ECHINODERMATA: Crinoidea
Heliometra glacialis
ECHINODERMATA: Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA: Holothuroidea
Psolus phantapus
ECHINODERMATA: Ophiuroidea
Ophiocten sericeum
MOLLUSCA: Pelecypoda
Astarte crenata
Bathyarca glacialis
Musculus discors (f. laevigatus & substriatus)
Pecten groenlandicus

Table 112. Benthic invertebrates collected by trawl from station 62-2081 and 62-2082, 10 Sep 1962.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Pelecypoda
Acanthostepheia malmgreni	*Astarte montagui* (f. warhami)
Apherusa megalops	*Bathyarca glacialis*
Haploops tubicola	*Hiatella arctica*
Rhachotropis oculata	*Musculus corrugatus*
Socarnes vahli	*Musculus discors* (f. laevigatus)
Stegocephalus inflatus	*Nucula belloti*
ARTHROPODA: Cumacea	*Portlandia arctica*
Diastylis goodsiri	*Portlandia arctica* (f. portlandica)
Diastylis scorpioides	*Portlandia frigida*
Leucon nasica	SIPUNCULA
ARTHROPODA: Decapoda	*Phascolion strombi*
Eualus fabricii	
Eualus gaimardi	
Sabinea septemcarinata	
ARTHROPODA: Pycnogonida	
Nymphon hirtipes	
CHORDATA: Ascidiacea	
Didemnum albidum	
COELENTERATA: Anthozoa	
Allantactis parasitica	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	
Ophiopleura borealis	
MOLLUSCA: Amphineura	
Tonicella marmorea	
MOLLUSCA: Gastropoda	
Buccinum undatum (belcheri)	
Colus pubescens	
Colus togatus	
Cylichna alba	
Margarites costalis	
Margarites umbilicalis	
Oenopota bicarinata	
Philine finmarchica	
Solariella obscura	
Trichotropis bicarinata	
Trichotropis borealis	

Table 113. Benthic invertebrates collected by trawl from station 64-003, 26 Aug 1964.

Species	Species
COELENTERATA: Anthozoa	MOLLUSCA: Gastropoda
Allantactis parasitica	*Colus togatus*
Drifa glomerata	
CHORDATA: Ascidiacea	
Ascidia obliqua	

Table 114. Benthic invertebrates collected by trawl from station 64-004, 6 Sep 1964.

Species	Species
ANNELIDA: Polychaeta	ARTHROPODA: Pycnogonida
Cirratulus cirratus	*Boreonymphon abyssorum*
	Boreonymphon ossiansarsi
ARTHROPODA: Amphipoda	*Boreonymphon robustum*
Ampelisca eschrichti	*Nymphon hirtipes*
Anonyx debruyni	*Nymphon sluiteri*
Anonyx nugax	
Socarnes bidenticulatus	ARTHROPODA: Tanaidacea
	Leptognathia sarsi
ARTHROPODA: Cirripedia	
Balanus balanus	ASCHELMINTHES: Nematoda
Balanus crenatus	Nematodes
ARTHROPODA: Cumacea	CHORDATA: Ascidiacea
Diastylis goodsiri	*Eugyra pedunculata?*
Diastylis rathkei	
	COELENTERATA: Anthozoa
ARTHROPODA: Decapoda	*Allantactis parasitica*
Argis dentata	*Gersemia rubiformis*
Eualus fabricii	
Eualus gaimardi	COELENTERATA: Hydrozoa
Lebbeus polaris	*Lafoea gracillima*
Sabinea septemcarinata	
Spirontocaris phippsi	
Spirontocaris spinus	

Table 114. Continued.

Species	Species
ECHINODERMATA: Crinoidea	MOLLUSCA: Gastropoda
Heliometra glacialis	*Buccinum hydrophanum*
	Colus togatus
ECHINODERMATA: Echinoidea	*Trichotropis borealis*
Strongylocentrotus droebachiensis	
	MOLLUSCA: Pelecypoda
ECHINODERMATA: Holothuroidea	*Astarte borealis* (f. placenta)
Cucumaria calcigera	*Astarte crenata*
Cucumaria frondosa	*Astarte crenata* (*crebricostata*)
Myriotrochus rinki	*Astarte montagui* (f. warhami)
	Bathyarca glacialis
ECHINODERMATA: Ophiuroidea	*Hiatella arctica*
Ophiocten sericeum	*Musculus discors* (f. laevigatus)
	Musculus niger
	Pecten groenlandicus
	SIPUNCULA
	Phascolion strombi

Table 115. Benthic invertebrates collected by trawl from station 65-1016, 10 Aug 1965.

Species	Species
ANNELIDA: Polychaeta	CHORDATA: Ascidiacea
Antinoella sarsi	*Ascidia callosa*
Flabelligera affinis	*Ascidia obliqua*
Gattyana cirrosa	
Harmothoe extenuata	ECHINODERMATA: Echinoidea
Harmothoe imbricata	*Strongylocentrotus droebachiensis*
Nereimyra aphroditoides	
Pectinaria granulata	MOLLUSCA: Gastropoda
Pholoe minuta	*Aquilonaria turneri*
	Lacuna sp.
ARTHROPODA: Amphipoda	*Tachyrhynchus erosus*
Atylus carinatus	*Trichotropis borealis*
Orchomene pinguis	
Pontoporeia femorata	MOLLUSCA: Pelecypoda
Weyprechtia pinguis	*Astarte montagui*
	Clinocardium ciliatum
ARTHROPODA: Isopoda	*Hiatella arctica*
Mesidotea entomon	*Musculus discors*
	Musculus niger
ARTHROPODA: Mysidacea	*Mytilus edulis*
Mysis oculata	*Portlandia arctica*

Table 116. Benthic invertebrates collected by trawl from station 65-1017 and 65-1018, 11 Aug 1965.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Holothuroidea
Aglaophamus malmgreni	*Myriotrochus rinki*
Antinoella badia	*Psolus phantapus*
Branchiomma infarcta	
Chone sp.	ECHINODERMATA: Ophiuroidea
Gattyana cirrosa	*Ophiocten sericeum*
Melaenis loveni	
Nephtys ciliata	MOLLUSCA: Gastropoda
Nereis zonata	*Boreotrophon pacificus*
Pista maculata	*Buccinum hydrophanum*
Sphaerodorum gracile	*Buccinum polare*
	Buccinum scalariforme (as *B. tenue*)
ARTHROPODA: Amphipoda	*Colus togatus*
Ampelisca eschrichti	*Margarites costalis*
Anonyx nugax	*Trichotropis borealis*
Atylus carinatus	
Paroediceros sp.	MOLLUSCA: Pelecypoda
Socarnes bidenticulatus	*Hiatella arctica*
Stegocephalus inflatus	
ARTHROPODA: Cumacea	
Diastylis goodsiri	
Diastylis rathkei	
ARTHROPODA: Decapoda	
Argis dentata	
Sabinea septemcarinata	
ARTHROPODA: Pycnogonida	
Boreonymphon robustum	
Nymphon hirtipes	
Nymphon longitarse	
Pseudopallene brevicollis	
CHORDATA: Ascidiacea	
Ascidia callosa	
COELENTERATA: Anthozoa	
Allantactis parasitica	
Gersemia rubiformis	
ECHINODERMATA: Echinoidea	
Strongylocentrotus droebachiensis	

Table 117. Benthic invertebrates collected by trawl from station 65-1019, 11 Aug 1965.

Species
ANNELIDA: Polychaeta
Amphicteis gunneri
Polyphysia crassa
ARTHROPODA: Amphipoda
Anonyx nugax
ARTHROPODA: Decapoda
Argis dentata
Lebbeus polaris
Sabinea septemcarinata
COELENTERATA: Anthozoa
Allantactis parasitica
ECHINODERMATA: Holothuroidea
Molpadia arctica
MOLLUSCA: Gastropoda
Buccinum hydrophanum
Colus togatus

Table 118. Benthic invertebrates collected by trawl from station 65-1020 and 65-1021, 13 Aug 1965.

Species	Species
ANNELIDA: Polychaeta	ARTHROPODA: Isopoda
Aglaophamus malmgreni	*Munnopsis typica*
Antinoella sarsi	
Branchiomma infarcta	ARTHROPODA: Pycnogonida
Chaetozone sp.	*Boreonymphon robustum*
Euchone papillosa	*Nymphon hirtipes*
Gattyana cirrosa	*Nymphon longitarse*
Glyphanostonum pallescens	*Pseudopallene brevicollis*
Harmothoe nodosa	
Laonice cirrata	CHORDATA: Ascidiacea
Maldane sarsi	*Ascidia callosa*
Melaenis loveni	
Myriochele heeri	COELENTERATA: Anthozoa
Nereis zonata	*Gersemia rubiformis*
Onuphis conchylega	
Owenia fusiformis	ECHINODERMATA: Asteroidea
Phyllodoce groenlandica	*Urasterias lincki*
Pista maculata	
Polyphysia crassa	ECHINODERMATA: Holothuroidea
Sabellides borealis	*Myriotrochus rinki*
Spiochaetopterus typicus	
	ECTOPROCTA
ARTHROPODA: Amphipoda	*Alcyonidium* sp.
Acanthostepheia malmgreni	
Anonyx nugax	MOLLUSCA: Gastropoda
Arrhis phyllonyx	*Colus togatus*
Atylus smitti	*Velutina velutina*
Haploops tubicola	
Ischyrocerus stephenseni	MOLLUSCA: Pelecypoda
Paroediceros lynceus	*Astarte crenata*
Stegocephalus inflatus	
Tmetonyx cicada	
ARTHROPODA: Cumacea	
Diastylis rathkei	
Diastylis scorpioides	
Diastylis spinulosa	
ARTHROPODA: Decapoda	
Argis dentata	
Eualus fabricii	
Eualus macilentus	
Eualus stoneyi	
Sabinea septemcarinata	

Table 119. Benthic invertebrates collected by trawl from station 65-1037, 18 Aug 1965.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Asteroidea
Aglaophamus malmgreni	*Poranimorpha tumida*
Amphitrite cirrata	
Chaetozone setosa	ECHINODERMATA: Holothuroidea
Euchone analis	*Myriotrochus rinki*
Euchone papillosa	
Leaena abranchiata	ECHINODERMATA: Ophiuroidea
Lysippe labiata	*Ophiopleura borealis*
Pectinaria hyperborea	
Polyphysia crassa	MOLLUSCA: Gastropoda
Scalibregma inflatum	*Colus togatus*
Terebellides stroemi	*Cyclichna occulta*
	Oenopota incisula
ARTHROPODA: Decapoda	*Velutina undata*
Eualus macilentus	
COELENTERATA: Anthozoa	
Allantactis parasitica	
Anthozoan	

Table 120. Benthic invertebrates collected by trawl from station 65-1038, 19 Aug 1965.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Ophiuroidea
Gattyana cirrosa	*Ophiocten sericeum*
Nephtys ciliata	
Pectinaria granulata	MOLLUSCA: Gastropoda
Pectinaria hyperborea	*Buccinum angulosum*
Terebellides stroemi	*Buccinum polare*
	Buccinum scalariforme (as *B. tenue*)
COELENTERATA: Anthozoa	*Colus togatus*
Allantactis parasitica	*Cylichna occulta*
	Tachyrhynchus erosus
ECHINODERMATA: Asteroidea	*Trichotropis borealis*
Urasterias lincki	

Table 121. Benthic invertebrates collected by trawl from station 65-1044, 23 Aug 1965.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Aglaophamus malmgreni	*Buccinum hydrophanum*
Branchiomma infarcta	*Colus togatus*
Chone sp.	*Lunatia pallida*
Euchone papillosa	*Margarites costalis*
Onuphis conchylega	*Velutina undata*
Spiochaetopterus typicus	*Velutina velutina*
ARTHROPODA: Amphipoda	SIPUNCULA
Ischyrocerus stephenseni	*Phascolion strombi*
ARTHROPODA: Pycnogonida	
Boreonymphon ossiansarsi	
Boreonymphon robustum	
Nymphon hirtipes	
Nymphon sluiteri	
Pseudopallene brevicollis	
COELENTERATA: Hydrozoa	
Campanularia volubilis	
Opercularella lacerata	
Ptychogena lactea	
Sertularella tricuspidata	
Sertularia similis	
ECHINODERMATA: Asteroidea	
Pteraster militaris	
Urasterias lincki	
ECHINODERMATA: Crinoidea	
Heliometra glacialis	
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	
ECTOPROCTA	
Notoplites smitti	
Parasmittina jeffreysi	
Pseudoflustra solida	

Table 122. Benthic invertebrates collected by trawl from station 65-1045, 23 Aug 1965.

Species
ANNELIDA: Polychaeta
Aglaophamus malmgreni
Antinoella badia
Antinoella sarsi
Branchiomma infarcta
Euchone papillosa
Harmothoe nodosa
Harmothoe oerstedi
Nereimyra aphroditoides
Nereis zonata
Notomastus latericeus
Onuphis conchylega
Paranaitis wahlbergi
Polyphysia crassa
Spiochaetopterus typicus
ARTHROPODA: Amphipoda
Anonyx nugax
Stegocephalus inflatus
ARTHROPODA: Cumacea
Diastylis goodsiri
ARTHROPODA: Decapoda
Argis dentata
Eualus gaimardi
Sabinea septemcarinata
ARTHROPODA: Pycnogonida
Nymphon hirtipes
ECHINODERMATA: Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA: Holothuroidea
Cucumaria frondosa
Myriotrochus rinki
ECHINODERMATA: Ophiuroidea
Ophiocten sericeum
MOLLUSCA: Gastropoda
Amauropsis purpurea
Buccinum scalariforme (as *B. tenue*)
Philine quadrata?
MOLLUSCA: Pelecypoda
Bathyarca glacialis

Table 123. Benthic invertebrates collected by trawl from station 65-1048, 30 Aug 1965.

Species
ANNELIDA: Polychaeta
Aglaophamus malmgreni
Antinoella sarsi
Chone sp.
Flabelligera affinis
Phyllodoce groenlandica
ARTHROPODA: Amphipoda
Ampelisca eschrichti
Ischyrocerus stephenseni
Paramphithoe hystrix
Pleusymtes pulchellus (as *Stenopleustes*)
Socarnes bidenticulatus
Stegocephalus inflatus
ARTHROPODA: Decapoda
Argis dentata
Eualus gaimardi
Sabinea septemcarinata
Spirontocaris spinus
ARTHROPODA: Isopoda
Arcturus baffini
Munna kroyeri
ARTHROPODA: Pycnogonida
Boreonymphon abyssorum
Boreonymphon ossiansarsi
Boreonymphon robustum
Nymphon hirtipes
Pseudopallene brevicollis
COELENTERATA: Anthozoa
Gersemia rubiformis
COELENTERATA: Hydrozoa
Eudendrium tenellum
ECHINODERMATA: Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA: Holothuroidea
Myriotrochus rinki
ECHINODERMATA: Ophiuroidea
Ophiocten sericeum
ECTOPROCTA
Eucratea loricata
Parasmittina jeffreysi
Pseudoflustra solida
MOLLUSCA: Gastropoda
Capulacmaea radiata
Colus togatus
Velutina velutina
MOLLUSCA: Pelecypoda
Bathyarca glacialis
Musculus discors
Pecten groenlandicus

Table 124. Benthic invertebrates collected by trawl from station 65-1049, 30 Aug 1965.

Species
ANNELIDA: Polychaeta
Antinoella badia
Brada villosa
Chone sp.
Phyllodoce groenlandica
ARTHROPODA: Amphipoda
Ampelisca eschrichti
Ischyrocerus stephenseni
Paramphithoe hystrix
Socarnes bidenticulatus
ARTHROPODA: Decapoda
Eualus gaimardi
Lebbeus polaris
Sabinea septemcarinata
Spirontocaris spinus
ARTHROPODA: Isopoda
Munna kroyeri
ARTHROPODA: Pycnogonida
Boreonymphon abyssorum
Boreonymphon assiansarsi
Boreonymphon robustum
Nymphon hirtipes
Nymphon sluiteri
Pseudopallene brevicollis
COELENTERATA: Anthozoa
Gersemia rubiformis
ECHINODERMATA: Ophiuroidea
Ophiocten sericeum
MOLLUSCA: Gastropoda
Buccinum angulosum
Buccinum hydrophanum
Colus togatus
Margarites costalis
Oenopata reticulata
MOLLUSCA: Pelecypoda
Hiatella arctica

Table 125. Benthic invertebrates collected by trawl from station 65-1050, 1 Sep 1965.

Species	Species
ANNELIDA: Hirudinea	ARTHROPODA: Pycnogonida
Notostomum cyclostoma	*Boreonymphon abyssorum*
	Boreonymphon ossiansarsi
ANNELIDA: Polychaeta	*Boreonymphon robustum*
Antinoella badia	*Colossendeis proboscidea*
Harmothoe nodosa	*Nymphon hirtipes*
Melaenis loveni	*Nymphon sluiteri*
Pista maculata	
	ECHINODERMATA: Ophiuroidea
ARTHROPODA: Amphipoda	*Ophiocten sericeum*
Acanthostepheia malmgreni	
Ampelisca eschrichti	MOLLUSCA: Gastropoda
Socarnes bidenticulatus	*Buccinum hydrophanum*
ARTHROPODA: Decapoda	MOLLUSCA: Pelecypoda
Eualus gaimardi	*Pecten groenlandicus* (as *Delectopecten*)
Sabinea septemcarinata	

Table 126. Benthic invertebrates collected by trawl from station 65-1051, 1 Sep 1965.

Species	Species
ANNELIDA: Polychaeta	ARTHROPODA: Isopoda
Harmothoe extenuata	*Arcturus baffini*
Laonice cirrata	
Nephtys paradoxa	COELENTERATA: Anthozoa
Pista maculata	*Gersemia rubiformis*
Spiochaetopterus typicus	
	ECHINODERMATA: Echinoidea
ARTHROPODA: Amphipoda	*Strongylocentrotus droebachiensis*
Ampelisca eschrichti	
	ECHINODERMATA: Ophiuroidea
ARTHROPODA: Cumacea	*Ophiocten sericeum*
Diastylis goodsiri	
	MOLLUSCA: Gastropoda
ARTHROPODA: Decapoda	*Buccinum hydrophanum*
Sabinea septemcarinata	*Colus togatus*
	Margarites costalis
	Neptunea despecta

Table 127. Density, ash free dry weight (AFDW) and caloric value of benthic invertebrates collected by grab from station 67-1105, 16 Aug 1967.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ANNELIDA: Polychaeta			
Aglaophamus malmgreni	26	0.3424	1904
Ampharete arctica	2	0.0001	1
Aricidea jeffreysi	2	0.0001	1
Chaetozone setosa	2	0.0017	9
Chaetozone sp.	5	0.0016	8
Euchone papillosa	12	0.0022	12
Flabelligera affinis	2	0.0006	3
Laonice cirrata	9	0.0273	151
Leiochone polaris	5	0.0011	6
Lumbrineris fragilis	2	0.0311	173
Lumbrineris minuta	22	0.0162	92
Lysippe labiata	9	0.0029	16
Maldane sarsi	14	0.0324	179
Nephtys paradoxa	2	0.0173	105
Notomastus latericeus	3	0.0110	61
Pholoe minuta	2	0.0004	2
Polydora caulleryi	2	0.0004	2
Polyphysia crassa	2	0.2036	1132
Praxillella praetermissa	3	0.0040	22
Scoloplos armiger	5	0.0055	30
Spiochaetopterus typicus	2	0.0006	3
Terebellides stroemi	10	0.0091	50
Tharyx acutus	12	0.0075	41
ARTHROPODA: Amphipoda			
Amphipods	-	0.0117	67
ARTHROPODA: Cumacea			
Diastylis goodsiri	7	0.0089	51
Leucon nasica	2	0.0002	1
ARTHROPODA: Isopoda			
Gnathia elongata	3	0.0005	3
Gnathia maxillaris	2	0.0006	3
COELENTERATA: Anthozoa			
Cerianthus? sp.	5	0.0538	277
Edwardsia sp.	2	0.0004	2
ECHINODERMATA: Ophiuroidea			
Ophiocten sericeum	7	0.0011	6
ECTOPROCTA			
Alcyonidium gelatinosum	3	0.0028	11

Table 127. Continued.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
MOLLUSCA: Gastropoda			
Oenopota sp.	3	0.0028	15
MOLLUSCA: Pelecypoda			
Astarte montagui	21	0.1746	916
Bathyarca glacialis	12	0.1446	789
Musculus niger	2	0.4495	2489
Nucula belloti	2	0.0006	3
Portlandia frigida	5	0.0008	4
Thyasira gouldi	48	0.0184	97
NEMERTINA			
Nemerteans	10	0.0434	231
SIPUNCULA			
Golfingia margaritacea	9	0.0109	58
Total (41 spp.)		1.6448	9026

Table 128. Benthic invertebrates collected by dredge from station 67-1105, 16 Aug 1967, not collected in quantitative grab samples.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Pelecypoda
Antinoella badia	*Astarte borealis*
Leiochone borealis	*Astarte crenata*
Myriochele heeri	*Astarte montagui*
Nicomache lumbricalis	*Bathyarca glacialis*
Pectinaria hyperborea	*Macoma moesta*
Phyllodoce groenlandica	*Musculus discors*
ARTHROPODA: Cirripedia	*Musculus niger*
Balanus crenatus	*Nuculana pernula*
ARTHROPODA: Cumacea	*Portlandia arctica*
Diastylis oxyrhyncha	SIPUNCULA
Diastylis scorpioides	*Phascolion strombi*
Diastylis spinulosa	
ARTHROPODA: Decapoda	
Sabinea septemcarinata	
Spirontocaris phippsi	
ARTHROPODA: Isopoda	
Gnathia elongata	
ARTHROPODA: Pycnogonida	
Boreonymphon abyssorum	
Nymphon hirtipes	
Nymphon sluiteri	
Pseudopallene brevicollis	
ECHINODERMATA: Holothuroidea	
Myriotrochus rinki	
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	
Ophiopleura borealis	
ECTOPROCTA	
Bryozoans	
MOLLUSCA: Gastropoda	
Colus togatus	
Cylichna alba	
Lunatia pallida	
Margarites costalis	
Trichotropis borealis	
Philine finmarchica	

Table 129. Mollusc shells collected by hand from the beach at station WR-1, 16 Aug 1967.

Species	Species
MOLLUSCA: Gastropoda	MOLLUSCA: Pelecypoda
Boreotrophon pacificus	*Astarte borealis*
Buccinum scalariforme	*Clinocardium ciliatum*
Lunatia pallida	*Hiatella arctica*
Velutina velutina	*Musculus niger*
	Mya truncata
	Mytilus edulis

Table 130. Benthic invertebrates collected by grab from station WR-2, 16 Aug 1967.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
Aglaophamus neotenus	*Cylichna alba*
Ampharete acutifrons	*Oenopota bicarinata*
Aricidea suecica	
Chaetozone setosa	MOLLUSCA: Pelecypoda
Chone infundibuliformis	*Montacuta dawsoni*
Euchone analis	
Euchone papillosa	
Nephtys longosetosa	
Nereimyra aphroditoides	
Pectinaria granulata	
Pholoe minuta	
Praxillella praetermissa	
Scoloplos armiger	
ARTHROPODA: Cumacea	
Brachydiastylis resima	
Diastylis rathkei	
Lamprops fuscata	
ARTHROPODA: Ostracoda	
Cythereis sp.	

Table 131. Benthic invertebrates collected by grab from station WR-3, 16 Aug 1967.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Pelecypoda
Aglaophamus neotenus	*Astarte borealis*
Aricidea suecica	*Astarte montagui*
Chaetozone setosa	*Macoma moesta*
Diplocirrus longisetosus	*Musculus niger*
Euchone papillosa	*Portlandia arctica*
Gattyana cirrosa	*Portlandia lenticula*
Nephtys ciliata	*Thyasira gouldi*
Leiochone polaris	
Lumbrineris minuta	PRIAPULIDA
Lysippe labiata	*Priapulus cau tus*
Paraonis gracilis	
Pholoe minuta	
Praxillella affinis	
Rhodine loveni	
Scalibregma inflatum	
Tharyx acutus	
ARTHROPODA: Amphipoda	
Amphipods	
ARTHROPODA: Cumacea	
Brachydiastylis resima	
Diastylis oxyrhyncha	
Diastylis rathkei	
Diastylis scorpioides	
Leptostylis longimana	
Leucon nasicoides	
CHORDATA: Ascidiacea	
Pelonaia corrugata	
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	
Ophiura robusta	
MOLLUSCA: Gastropoda	
Alvania cruenta	
Cylichna alba	
Philine finmarchica	
Retusa obtusa	
Trichotropis borealis	

Table 132. Benthic invertebrates collected by dredge from station 67-1108, 18 Aug 1967.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Pelecypoda
Aglaophamus malmgreni	*Bathyarca glacialis*
Amphitrite groenlandica	*Nucula belloti*
Antinoella badia	*Portlandia fraterna*
Aricidea suecica	*Portlandia lenticula*
Chaetozone setosa	*Thyasira gouldi*
Chaetozone sp.	
Euchone papillosa	NEMERTINA
Flabelligera affinis	Nemerteans
Laonice cirrata	
Lumbrineris fragilis	SIPUNCULA
Lumbrineris minuta	*Golfingia margaritacea*
Lysippe labiata	
Maldane sarsi	
Myriochele heeri	
Nephtys ciliata	
Nephtys paradoxa	
Phyllodoce groenlandica	
Praxillella praetermissa	
Prionospio steenstrupi	
Sabellides borealis	
Scoloplos armiger	
Spiochaetopterus typicus	
Tharyx acutus	
ARTHROPODA: Amphipoda	
Amphipods	
ARTHROPODA: Cumacea	
Diastylis rathkei	
Leucon nasica	
COELENTERATA: Anthozoa	
Anthozoan	
ECHINODERMATA: Asteroidea	
Urasterias lincki	
ECHINODERMATA: Ophiuroidea	
Ophiocten sericeum	
MOLLUSCA: Aplacophora	
Solenogasters	
MOLLUSCA: Gastropoda	
Cylichna alba	
Philine finmarchica	

Table 133. Benthic invertebrates collected by trawl from station 68-110, 6 Aug 1968.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Asteroidea
Aglaophamus malmgreni	*Ctenodiscus crispatus*
Antinoella badia	*Poraniomorpha tumida*
Antinoella sarsi	*Solaster papposus*
Brada villosa	*Urasterias lincki*
Branchiomma infarcta	
Euchone papillosa	ECHINODERMATA: Holothuroidea
Flabelligera affinis	*Myriotrochus rinki*
Harmothoe nodosa	
Harmothoe oerstedi	ECHINODERMATA: Ophiuroidea
Maldane sarsi	*Ophiocten sericeum*
Nephtys paradoxa	*Ophiopleura borealis*
Nereis zonata	
Onuphis conchylega	MOLLUSCA: Gastropoda
Pista maculata	*Buccinum hydrophanum*
Polyphysia crassa	*Colus togatus*
Spiochaetopterus typicus	*Philine* sp.
	Velutina sp.
ARTHROPODA: Amphipoda	
Haploops laevis	MOLLUSCA: Pelecypoda
Stegocephalus inflatus	*Bathyarca glacialis*
Amphipods	*Mytilus edulis*
ARTHROPODA: Cumacea	NEMERTINA
Diastylis goodsiri	Nemertean
Diastylis spinulosa	
	PLATYHELMINTHES
ARTHROPODA: Decapoda	Turbellarian
Argis dentata	
Eualus gaimardi belcheri	PORIFERA
Sabinea septemcarinata	*Tetilla* sp.
Spirontocaris spinus	
	SIPUNCULA
ARTHROPODA: Pycnogonida	*Golfingia margaritacea*
Boreonymphon ossiansarsi	
Boreonymphon robustum	
Nymphon hirtipes	
Nymphon longitarse	
Nymphon sluiteri	
Pseudopalene brevicollis	
CHORDATA: Ascidiacea	
Boltenia echinata	
COELENTERATA: Anthozoa	
Allantactis parasitica	

Table 134. Benthic invertebrates collected by trawl from section 68-111, 6 Aug 1968.

Species	Species
ARTHROPODA: Polychaeta	ECHINODERMATA: Crinoidea
Aglaophamus malmgreni	*Heliometra glacialis*
Antinoella badia	
Branchiomma infarcta	ECHINODERMATA: Holothuroidea
Euchone analis	*Myriotrochus rinki*
Euchone papillosa	
Harmothoe imbricata	ECHINODERMATA: Ophiuroidea
Harmothoe nodosa	*Ophiocten sericeum*
Melaenis loveni	*Ophiopleura borealis*
Myriochele heeri	
Nereis zonata	MOLLUSCA: Gastropoda
Onuphis conchylega	*Buccinum hydrophanum*
Pista maculata	*Colus togatus*
Polycirrus medusa	
Spiochaetopterus typicus	NEMERTINA
	Nemertean
ARTHROPODA: Amphipoda	
Acanthostepheia malmgreni	PLATYHELMINTHES
Ampelisca eschrichti	Turbellarian
Haploops laevis	
Stegocephalus inflatus	PORIFERA
	Tetilla sp.
ARTHROPODA: Cumacea	
Diastylis goodsiri	
Diastylis spinulosa	
ARTHROPODA: Decapoda	
Argis dentata	
Sabinea septemcarinata	
ARTHROPODA: Pycnogonida	
Boreonymphon robustum	
Nymphon hirtipes	
Nymphon longitarse	
Nymphon sluiteri	
CHORDATA: Ascidiacea	
Ciona intestinalis	
COELENTERATA: Anthozoa	
Allantactis parasitica	
Gersemia rubiformis	
ECHINODERMATA: Asteroidea	
Ctenodiscus crispatus	
Poraniomorpha tumida	
Solaster papposus	
Urasterias lincki	

Table 135. Density, ash-free dry weight (AFDW) and caloric value of benthic invertebrates collected by grab from station 69-1001, 6 Aug 1969.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ANNELIDA: Polychaeta			
Aglaophamus malmgreni	15	0.0583	324
Antinoella badia	3	0.0013	7
Aricidea suecica	23	0.0077	42
Chaetozone setosa	23	0.0057	31
Chaetozone sp.	54	0.0116	64
Eteone longa	3	0.0026	14
Euchone papillosa	3	0.0009	5
Laonice cirrata	18	0.8580	4771
Lumbrineris minuta	82	0.0796	453
Lysippe labiata	10	0.0064	35
Maldane sarsi	292	0.2017	1121
Myriochele heeri	15	0.0300	166
Notomastus latericeus	3	0.0221	122
Pherusa plumosa	3	0.0006	3
Phyllodoce groenlandica	3	0.0710	397
Praxillella praetermissa	15	0.0184	100
Prionospio steenstrupi	10	0.0046	25
Scalibregma inflatum	3	0.0003	1
Scoloplos armiger	8	0.0057	31
Tharyx acutus	23	0.0057	31
ARTHROPODA: Amphipoda			
Amphipods	-	0.0185	106
ARTHROPODA: Cumacea			
Diastylis oxyrhyncha	5	0.0032	18
Eudorella emarginata	8	0.0021	11
ARTHROPODA: Ostracoda			
Philomedes globosus	3	0.0010	5
COELENTERATA: Anthozoa			
Edwardsia sp.	3	0.1438	741
ECHINODERMATA: Ophiuroidea			
Ophiocten sericeum	5	0.0226	133
Ophiura robusta	3	0.0005	2
MOLLUSCA: Gastropoda			
Cylichna occulta	8	0.0596	330

Table 135. Continued.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
MOLLUSCA: Pelecypoda			
Bathyarca glacialis	3	0.0435	237
Nucula belotti	5	0.0417	245
Thyasira gouldi	21	0.0107	56
NEMERTINA			
Nemerteans	18	0.1070	569
SIPUNCULA			
Phascolion strombi	15	0.0229	122
Total (33 spp.)		1.8693	10,318

Table 136. Number of individuals (m^{-2}) of benthic invertebrates collected by grab from station 68-118 a-d, 20 Aug 1968.

Species	a 5m	b 15m	c 26m	d 34m
ANNELIDA: Oligochaeta				
Enchytraeid	723			
ANNELIDA: Polychaeta				
Aglaophamus malmgreni				22
Ammotrypane cylindricaudatus				28
Antinoella badia				3
Antinoella sarsi		3		18
Apistobranchus tullbergi		9	18	6
Aricidea jeffreysi		215	49	9
Aricidea suecica		22	3	80
Brada villosa		3	46	28
Capitella capitata	114	31		
Chaetozone setosa	22		65	237
Chaetozone sp.		9	68	
Chone sp.	6			3
Cirratulus cirratus		22		
Cossura longocirrata			92	320
Diplocirrus hirsutus		3	28	25
Ephesiella minuta		3	15	18
Eteone longa	25	9	3	12
Euchone papillosa	6		34	68
Exogone naidina	3	12	108	95
Exogone verugera		46		
Gattyana cirrosa		9	18	3
Harmothoe extenuata	9			
Heteromastus sp.	6	111		58
Leiochone polaris		74	49	92
Lumbrineris minuta			9	58
Lumbrineris tenuis			126	25
Lysippe labiata		22	37	22
Maldane sarsi			12	65
Melinna cristata			6	6
Micronephthys minuta	3	6	18	12
Myriochele heeri			3	40
Nephtys ciliata	62	6	18	18
Nephtys longosetosa	12	6		
Nereimyra aphroditoides	77	289	6	9
Notomastus latericeus			9	6
Owenia fusiformis			98	
Paraonis gracilis		58	34	92
Pectinaria hyperborea		6	3	18
Pholoe minuta	31	1588	529	563
Phyllodoce groenlandica	34	18	6	6
Polydora caeca	12	3	6	9

Table 136. Continued.

Species	a 5m	b 15m	c 26m	d 34m
ANNELIDA: Polychaeta				
Polydora quadrilobata			3	
Praxillella praetermissa		9	15	18
Prionospio cirrifera	25		18	6
Prionospio steenstrupi	9			18
Pygospio elegans	320	794	492	388
Scalibregma inflatum		6	12	9
Scoloplos armiger	6	329	142	148
Sphaerodorum gracile			9	22
Terebellides stroemi	148	3	25	18
Tharyx acutus		28	868	622
Travisia forbesi	6			
Trichobranchus glacialis		6		
ARTHROPODA: Acarina				
Mites		135	12	
ARTHROPODA: Amphipoda				
Amphipods	-	-	-	-
ARTHROPODA: Cirripedia				
Balanus balanus			3	
ARTHROPODA: Copepoda				
Copepods		-	-	-
ARTHROPODA: Cumacea				
Brachydiastylis resima		31	18	71
Diastylis goodsiri			3	28
Diastylis oxyrhyncha		31		
Diastylis rathkei		3	6	9
Diastylis scorpioides		15	151	22
Eudorella emarginata				34
Eudorella truncatula			33	
Lamprops fuscata		40		
Leptostylis longimana				3
Leucon nasicoides			18	3
Leucon pallidus			12	22
ARTHROPODA: Isopoda				
Eugerda globiceps			3	
Gnathia elongata			3	3

Table 136. Continued.

Species	a 5m	b 15m	c 26m	d 34m
ARTHROPODA: Ostracoda				
Cythereis dunelmensis			65	12
Cythereis tuberculata			12	34
Cythereis sp.	98			
Cytheridea papillosa		218	12	
Cytheridea punctillata		6		
Cytheromorpha? sp.			3	28
Hemicythere sp.		9		
Philomedes globosus			975	452
ARTHROPODA: Tanaidacea				
Leptognathia sp.	3			3
Leptognathia sp.				15
Pseudotanais lilljeborgi				9
ASCHELMINTHES: Nematoda				
Nematodes	-	-	-	-
CHORDATA: Ascidiacea				
Rhizomolgula globularis	9		3	15
COELENTERATA: Anthozoa				
Edwardsia sp.			12	
ECHINODERMATA: Asteroidea				
Urasterias linki			3	
ECHINODERMATA: Crinoidea				
Heliometra glacialis	3			
ECHINODERMATA: Echinoidea				
Strongylocentrotus droebachiensis			6	
ECHINODERMATA: Holothuroidea				
Myriotrochus rinki		31	9	6
Thyonidium sp.		3		
Holuthuroid			3	
ECHINODERMATA: Ophiuroidea				
Ophiocten sericeum		46	108	123
MOLLUSCA: Aplacophora				
Solenogasters				6

Table 136. Continued.

Species	a 5m	b 15m	c 26m	d 34m
MOLLUSCA: Gastropoda				
Alvania cruenta		6	21	12
Colus togatus			3	
Cylichna occulta	31	37	3	
Lepeta caeca			15	
Natica clausa		28		
Philine finmarchica	6	9		
Philine lima		22	3	3
Retusa obtusa		43		65
Trichotropis borealis		3	6	15
MOLLUSCA: Pelecypoda				
Astarte borealis		212	28	12
Astarte montagui	15	554	92	37
Clinocardium ciliatum			3	3
Hiatella arctica			6	
Macoma calcarea			3	
Macoma moesta		163	6	3
Montacuta dawsoni	2508			
Musculus niger		6		
Nucula belloti		6	6	22
Nuculana minuta		95	9	
Nuculana pernula				22
Portlandia arctica		160	37	22
Portlandia fraterna				3
Portlandia frigida				3
Portlandia lenticula				55
Thyasira gouldi		105		43
NEMERTINA				
Nemerteans	62	126	98	206
PRIAPULIDA				
Priapulus caudatus		6	3	
SIPUNCULA				
Golfingia margaritacea				3
Phascolion strombi				31
No. of species (122 total)	33	65	82	84

Table 137. Ash-free dry weight (g m^{-2}) of benthic invertebrates collected by grab from station 68-118 a-d, 20 Aug 1968.

Species	a 5m	b 15m	c 26m	d 34m
ANNELIDA: Oligachaeta				
Enchytraeid	0.0090			
ANNELIDA: Polychaeta				
Aglaophamus malmgreni				0.3146
Ammotrypane cylindricaudatus				0.0011
Antinoella badia				0.0075
Antinoella sarsi		0.0004		0.0035
Apistobranchus tullbergi		0.0004	0.0013	0.0007
Aricidea jeffreysi		0.0095	0.0020	0.0004
Aricidea suecica		0.0009	0.0007	0.0135
Brada villosa		0.0507	0.0655	0.0113
Capitella capitata	0.0181	0.0026		
Chaetozone setosa	0.0031		0.0313	0.0609
Chaetozone sp.		0.0015	0.0104	
Chone sp.	0.0022			0.0002
Cirratulus cirratus		0.0130		
Cossura longocirrata			0.0031	0.0077
Diplocirrus hirsutus		0.0038	0.0110	0.0104
Ephesiella minuta		0.0001	0.0007	0.0022
Eteone longa	0.0042	0.0033	0.0002	0.0035
Euchone papillosa	0.0029		0.0035	0.0106
Exogone naidina	0.0001	0.0002	0.0018	0.0013
Exogone verugera		0.0013		
Gattyana cirrosa		0.0066	0.0971	0.0084
Harmothoe extenuata	0.0015			
Heteromastus sp.	0.0018	0.0128		0.0077
Leiochone polaris		0.0207	0.0185	0.0157
Lumbrineris minuta			0.0062	0.0335
Lumbrineris tenuis			0.0165	0.0071
Lysippe labiata		0.0190	0.0046	0.0031
Maldane sarsi			0.0199	0.3859
Melinna cristata			0.0038	0.0082
Micronephthys minuta	0.0002	0.0009	0.0015	0.0029
Myriochele heeri			0.0004	0.0170
Nephtys ciliata	0.3636	0.0985	0.2059	1.6724
Nephtys longosetosa	0.0018	0.0165		
Nereimyra aphroditoides	0.0121	0.0532	0.0007	0.0004
Notomastus latericeus			0.0042	0.0020
Owenia fusiformis			0.0746	
Paraonis gracilis		0.0024	0.0020	0.0075
Pectinaria hyperborea		0.0093	0.0004	0.0609
Pholoe minuta	0.0079	0.1291	0.0600	0.0318
Phyllodoce groenlandica	0.0263	0.0082	0.0015	0.0082
Polydora caeca	0.0004	0.0002	0.0009	0.0009

Table 137. Continued.

Species	a 5m	b 15m	c 26m	d 34m
ANNELIDA: Polychaeta				
Polydora quadrilobata			0.0004	
Praxillella praetermissa		0.0049	0.0821	0.0164
Prionospio cirrifera	0.0040		0.0007	0.0004
Prionospio steenstrupi	0.0020			0.0020
Pygospio elegans	0.0093	0.0276	0.0165	0.0124
Scalibregma inflatum		0.0011	0.0009	0.0016
Scoloplos armiger	0.0271	0.4236	0.0721	0.0256
Sphaerodorum gracile			0.0062	0.0055
Terebellides stroemi	0.0161	0.0196	0.5414	0.0324
Tharyx acutus		0.0040	0.1862	0.1171
Travisia forbesi	0.8251			
Trichobranchus glacialis		0.0770		
ARTHROPODA: Acarina				
Mites		0.0036	0.0002	
ARTHROPODA: Amphipoda				
Amphipods	0.0871	0.0119	0.0511	0.0067
ARTHROPODA: Cirripedia				
Balanus balanus			0.4690	
ARTHROPODA: Copepoda				
Copepods		0.0002	0.0008	0.0008
ARTHROPODA: Cumacea				
Brachydiastylis resima		0.0040	0.0021	0.0023
Diastylis goodsiri			0.0004	0.0268
Diastylis oxyrhyncha		0.0050		
Diastylis rathkei		0.0188	0.0140	0.0182
Diastylis scorpioides		0.0115	0.0161	0.0249
Eudorella emarginata				0.0036
Eudorella truncatula			0.0015	
Lamprops fuscata		0.0033		
Leptostylis longimana				0.0008
Leucon nasicoides			0.0017	0.0002
Leucon pallidus			0.0006	0.0010
ARTHROPODA: Isopoda				
Eugerda globiceps			0.0002	
Gnathia elongata			0.0015	0.0002

Table 137. Continued.

Species	a 5m	b 15m	c 26m	d 34m
ARTHROPODA: Ostracoda				
Cythereis dunelmensis			0.0019	0.0002
Cythereis tuberculata			0.0004	0.0006
Cytheris sp.	0.0031			
Cytheridea papillosa		0.0027	0.0004	
Cytheridea punctillata		0.0002		
Cytheromorpha? sp.			0.0001	0.0006
Hemicythere sp.		0.0004		
Philomedes globosus			0.0779	0.0413
ARTHROPODA: Tanaidacea				
Leptognathia sp.	0.0004			0.0002
Leptognathia sp.				0.0010
Pseudotanais lilljeborgi				0.0002
ASCHELMINTHES: Nemàtoda				
Nematodes	0.0399	0.0390	0.0234	0.0088
CHORDATA: Ascidiacea				
Rhizomolgula globularis	0.0188		0.0009	0.0029
COELENTERATA: Anthozoa				
Edwardsia sp.			0.0353	
ECHINODERMATA: Asteroidea				
Urasterias linki			0.1300	
ECHINODERMATA: Crinoidea				
Heliometra glacialis	0.0283			
ECHINODERMATA: Echinoidea				
Strongylocentrotus droebachiensis			0.2814	
ECHINODERMATA: Holothuroidea				
Myriotrochus rinki		0.2476	0.0716	0.2475
Thyonidium sp.		0.3351		
Holothuroid			0.0016	
ECHINODERMATA: Ophiuroidea				
Ophiocten sericeum		0.1089	0.1319	0.0263
MOLLUSCA: Aplacophora				
Solenogasters				0.0037

Table 137. Continued.

Species	a 5m	b 15m	c 26m	d 34m
MOLLUSCA: Gastropoda				
Alvania cruenta		0.0010	0.0027	0.0007
Colus togatus			1.9841	
Cylichna occulta	0.0100	0.0111	0.0005	
Lepeta caeca			0.1820	
Natica clausa		0.0110		
Philine finmarchica	0.0105	0.0042		
Philine lima		0.0047	0.0174	0.0082
Retusa obtusa		0.0047		0.0057
Trichotropis borealis		0.0518	0.0316	0.0184
MOLLUSCA: Pelecypoda				
Astarte borealis		4.1568	2.4067	1.3397
Astarte montagui	0.0034	0.4737	1.2029	0.3002
Clinocardium ciliatum			0.6081	3.0425
Hiatella arctica			1.1500	
Macoma calcarea			0.8169	
Macoma moesta		0.7026	0.1293	0.0234
Montacuta dawsoni	0.1646			
Musculus niger		0.0023		
Nucula belloti		0.0010	0.0685	0.2644
Nuculana minuta		0.0237	0.0180	
Nuculana pernula				0.2127
Portlandia arctica		0.6153	2.4129	1.2626
Portlandia fraterna				0.0020
Portlandia frigida				0.0048
Portlandia lenticula				0.0454
Thyasira gouldi		0.1616		0.0114
NEMERTINA				
Nemerteans	0.1395	0.0463	0.0244	0.0451
PRIAPULIDA				
Priapulus caudatus		0.0007	0.0020	
SIPUNCULA				
Golfingia margaritacea				0.0062
Phascolion strombi				0.2648
Total	1.8323	8.0876	13.9308	10.2124

Table 138. Caloric value (cal m^{-2}) of benthic invertebrates collected by grab from station 68-118 a-d, 20 Aug 1968.

Species	a 5m	b 15m	c 26m	d 34m
ANNELIDA: Oligochaeta				
Enchytraeid	50			
ANNELIDA: Polychaeta				
Aglaophamus malmgreni				1749
Ammotrypane cylindricaudatus				6
Antinoella badia				41
Antinoella sarsi		2		19
Apistobranchus tullbergi		2	7	3
Aricidea jeffreysi		52	11	2
Aricidea suecica		4	3	74
Brada villosa		282	364	62
Capitella capitata	100	14		
Chaetozone setosa	17		174	338
Chaetozone sp.		8	57	
Chone sp.	12			1
Cirratulus cirratus		72		
Cossura longocirrata			17	42
Diplocirrus hirsutus		20	61	57
Ephesiella minuta		1	3	12
Eteone longa	23	18	1	19
Euchone papillosa	16		19	58
Exogone naidina	1	1	9	7
Exogone verugera		7		
Gattyana cirrosa		36	539	46
Harmothoe extenuata	8			
Heteromastus sp.	10	71		42
Leiochone polaris		115	103	87
Lumbrineris minuta			34	186
Lumbrineris tenuis			92	39
Lysippe labiata		105	25	17
Maldane sarsi			110	2145
Melinna cristata			20	45
Micronephthys minuta	1	4	8	15
Myriochele heeri			2	94
Nephtys ciliata	1986	537	1124	9134
Nephtys longosetosa	9	92		
Nereimyra aphroditoides	67	295	3	2
Notomastus latericeus			23	11
Owenia fusiformis			414	
Paraonis gracilis		13	11	41
Pectinaria hyperborea		51	2	338
Pholoe minuta	44	717	333	176
Phyllodoce groenlandica	146	45	8	45
Polydora caeca	2	1	4	4
Polydora quadrilobata			2	
Praxillella praetermissa		27	449	89

Table 138. Continued.

Species	a 5m	b 15m	c 26m	d 34m
ANNELIDA: Polychaeta				
Prionospio cirrifera	22		3	2
Prionospio steenstrupi	11			11
Pygospio elegans	51	153	92	68
Scalibregma inflatum		5	4	8
Scoloplos armiger	150	2355	401	142
Sphaerodorum gracile			34	30
Terebellides stroemi	89	109	3010	180
Tharyx acutus		22	1035	651
Travisia forbesi	4588			
Trichobranchus glacialis		42		
ARTHROPODA: Acarina				
Mites		20	1	
ARTHROPODA: Amphipoda				
Amphipods	501	68	294	38
ARTHROPODA: Cirripedia				
Balanus balanus			2496	
ARTHROPODA: Copepoda				
Copepods		1	4	4
ARTHROPODA: Cumacea				
Brachydiastylis resima		23	12	13
Diastylis goodsiri			2	154
Diastylis oxyrhyncha		28		
Diastylis rathkei		108	80	104
Diastylis scorpioides		66	92	143
Eudorella emarginata				20
Eudorella truncatula			8	
Lamprops fuscata	18			
Leptostylis longimana				4
Leucon nasicoides			9	1
Leucon pallidus			3	5
ARTHROPODA: Isopoda				
Eugerda globiceps			1	
Gnathia elongata			8	1

Table 138. Continued.

Species	a 5m	b 15m	c 26m	d 34m
ARTHROPODA: Ostracoda				
Cythereis dunelmensis			11	1
Cythereis tuberculata			2	3
Cythereis sp.	17			
Cytheridia papillosa		15	2	
Cytheridea punctillata		1		
Cytheromorpha? sp.			1	3
Hemicythere sp.		2		
Philomedes globosus			448	238
ARTHROPODA: Tanaidacea				
Leptognathia sp.	2			1
Leptognathia sp.				5
Pseudotanais lilljeborgi				1
ASCHELMINTHES: Nematoda				
Nematodes	222	217	130	49
CHORDATA: Ascidiacea				
Rhizomolgula globularis	86		4	13
COELENTERATA: Anthozoa				
Edwardsia sp.			195	
ECHINODERMATA: Asteroidea				
Urasterias linki			707	
ECHINODERMATA: Crinoidea				
Heliometra glacialis	145			
ECHINODERMATA: Echinoidea				
Strongylocentrotus droebachiensis			1605	
ECHINODERMATA: Holothuroidea				
Myriotrochus rinki		1191	344	1190
Thyonidium sp.		1829		
Holothuroid			8	
ECHINODERMATA: Ophiuroidea				
Ophiocten sericeum		644	781	155
MOLLUSCA: Aplacophora				
Solenogasters				20

Table 138. Continued.

Species	a 5m	b 15m	c 26m	d 34m
MOLLUSCA: Gastropoda				
Alvania cruenta		5	15	4
Colus togatus			11487	
Cylichna occulta	55	61	2	
Lepeta caeca			1034	
Natica clausa		61		
Philine finmarchica	58	23		
Philine lima		26	96	45
Retusa obtusa		26		31
Trichotropis borealis		287	175	102
MOLLUSCA: Pelecypoda				
Astarte borealis		22322	12923	7193
Astarte montagui	17	2485	6312	1575
Clinocardium ciliatum			3302	16523
Hiatella arctica			6075	
Macoma calcarea			4448	
Macoma moesta		3798	699	126
Montacuta dawsoni	898			
Musculus niger		12		
Nucula belloti		5	403	1555
Nuculana minuta		129	99	
Nuculana pernula				1166
Portlandia arctica		3360	13176	6895
Portlandia fraterna				11
Portlandia frigida				26
Portlandia lenticula				247
Thyasira gouldi		859		60
NEMERTINA				
Nemerteans	742	246	129	240
PRIAPULIDA				
Priapulus caudatus		3	11	
SIPUNCULA				
Golfingia margaritacea				33
Phascolion strombi				1410
Total	10146	43217	76245	55546

Table 139. Density, ash-free dry weight (AFDW) and caloric value of benthic invertebrates collected by grab from stations 66-1052 to 1055, 11 Aug 1966. (Depth 50m)

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ANNELIDA: Hirudinea			
Leech	3	0.2230	1240
ANNELIDA: Polychaeta			
Aglaophamus malmgreni	23	0.2640	1468
Chaetozone setosa	20	0.0072	40
Euchone papillosa	10	0.0043	24
Glyphanostomum pallescens	3	0.0004	2
Laonice cirrata	13	0.0912	507
Lumbrineris minuta	13	0.0041	23
Lysippe labiata	3	0.0022	12
Maldane sarsi	5	0.0488	271
Myriochele heeri	18	0.0215	117
Nicomache quadrispinata	3	0.0007	4
Notomastus latericeus	3	0.0260	145
Polyphysia crassa	10	0.8109	4510
Praxillella praetermissa	25	0.0152	85
Prionospio steenstrupi	15	0.0027	15
Scalibregma inflatum	3	0.0014	8
Scoloplos armiger	5	0.0027	15
Terebellides stroemi	8	0.0048	27
Tharyx acutus	3	0.0013	7
ARTHROPODA: Amphipoda			
Haploops laevis	43	0.1998	1151
ARTHROPODA: Cumacea			
Diastylis sp.	3	0.0053	30
ARTHROPODA: Ostracoda			
Ostracod	3	0.0002	1
CHORDATA: Ascidiacea			
Rhizomolgula globularis	3	0.0014	6
COELENTERATA: Anthozoa			
Cerianthus sp.	8	0.0646	333
Edwardsia sp.	3	0.0293	151
ECHINODERMATA: Holothuroidea			
Myriotrochus rinki	3	0.2299	1106
ECHINODERMATA: Ophiuroidea			
Ophiocten sericeum	13	0.0539	319

Table 139. Continued.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ECTOPROCTA			
Alcyonidium gelatinosum	3	0.0027	11
MOLLUSCA: Gastropoda			
Philine finmarchica	3	0.0182	101
MOLLUSCA: Pelecypoda			
Astarte borealis	3	0.4138	2222
Astarte montagui	18	0.1802	945
Bathyarca glacialis	10	0.1587	867
Nucula belloti	5	0.0138	81
Nuculana pernula	3	0.3988	2188
Thyasira gouldi	5	0.0051	27
NEMERTINA			
Nemertean	5	0.0264	141
SIPUNCULA			
Phascolion strombi	3	0.0145	78
Total (37 spp.)		3.3490	18,278

Table 140. Density, ash-free dry weight (AFDW) and caloric value of benthic invertebrates collected by grab from station 67-0009, 23 Nov 1967. (Depth 40m)

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ANNELIDA: Hirudinea			
Leech	3	0.2276	1266
ANNELIDA: Polychaeta			
Aglaophamus malmgreni	13	0.0743	413
Aricidea suecica	5	0.0017	9
Brada villosa	5	0.0551	306
Chaetozone setosa	28	0.0404	225
Chaetozone sp.	3	0.0004	3
Ephesiella minuta	3	0.0001	0
Euchone papillosa	5	0.0217	120
Laphania boecki	3	0.0037	20
Leiochone borealis	3	0.0004	2
Lumbrineris minuta	10	0.0050	28
Lysippe labiata	8	0.0072	40
Maldane sarsi	36	0.3331	1853
Myriochele heeri	10	0.0028	15
Nephtys ciliata	3	0.9331	5097
Pectinaria hyperborea	5	0.3157	1756
Pholoe minuta	5	0.0011	6
Praxillella praetermissa	51	0.1065	592
Scoloplos armiger	8	0.0024	13
Tharyx acutus	18	0.0090	50
ARTHROPODA: Amphipoda			
Aceroides latipes (latipes)	10	0.0051	29
Haploops laevis	74	0.3490	2011
Onisimus affinis	23	0.0586	338
ARTHROPODA: Cirripedia			
Balanus crenatus	13	0.0172	94
ARTHROPODA: Cumacea			
Brachydiastylis resima	5	0.0003	2
Diastylis goodsiri	18	0.0927	423
ARTHROPODA: Cumacea			
Diastylis rathkei	5	0.0110	63
Diastylis scorpioides	8	0.0014	8
Eudorella emarginata	8	0.0019	11
Leptostylis longimana	3	0.0003	2
ARTHROPODA: Isopoda			
Gnathia elongata	8	0.0016	8

Table 140. Continued.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ARTHROPODA: Ostracoda			
Ostracod	5	0.0003	2
Ostracod	3	0.0002	1
ECHINODERMATA: Holothuroidea			
Myriotrochus rinki	10	0.9418	4531
ECHINODERMATA: Ophiuroidea			
Ophiocten sericeum	90	0.0735	435
MOLLUSCA: Gastropoda			
Alvania cruenta	10	0.0023	13
Colus togatus	3	0.4648	2691
Cylichna magna	20	0.0110	61
Lunatia pallida	3	0.0101	56
Oenopota incisula	3	0.0010	6
Retusa obtusa	3	0.0002	1
Trichotropis borealis	5	0.0986	547
MOLLUSCA: Pelecypoda			
Astarte borealis	3	0.4220	2266
Astarte montagui	20	0.2777	1458
Bathyarca glacialis	5	0.1330	726
Macoma moesta	10	0.2541	1374
Nucula belloti	20	0.1174	691
Nuculana pernula	10	0.1876	1029
Portlandia arctica	3	0.0068	37
Portlandia fraterna	51	0.0123	67
Portlandia frigida	31	0.0074	41
Portlandia lenticula	23	0.0117	64
Thyasira gouldi	33	0.0041	22
NEMERTINA			
Nemertean	8	0.0094	50
Nemertean	3	1.4374	7654
SIPUNCULA			
Phascolion strombi	36	0.2079	1116
Total (56 spp.)		7.3730	39,742

Table 141. Density, ash-free dry weight (AFDW) and caloric value of benthic invertebrates collected by grab from station 69-1002, 8 Aug 1969. (Depth 53m)

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ANNELIDA: Polychaeta			
Aglaophamus malmgreni	41	0.2397	1333
Ammytropane cylindricaudatus	20	0.0013	7
Apistobranchus tullbergi	2	0.0002	1
Aricidea jeffreysi	40	0.0006	4
Aricidea suecica	43	0.0074	41
Capitella capitata	2	0.0001	1
Chaetozone setosa	155	0.0353	197
Chaetozone sp.	6	0.0006	4
Cossura longocirrata	58	0.0010	6
Ephesiella biserialis	3	0.0002	1
Eteone flava	2	0.0002	1
Eteone longa	5	0.0034	19
Euchone papillosa	17	0.0021	12
Eumida sp.	2	0.0001	1
Exogone naidina	3	0.0001	1
Heteromastus sp.	34	0.0037	21
Laonice cirrata	5	0.0900	500
Leiochone polaris	43	0.0058	32
Lumbrineris minuta	205	0.1224	697
Lysippe labiata	14	0.0058	32
Maldane sarsi	28	0.0480	267
Micronephtys minuta	15	0.0010	6
Myriochele heeri	11	0.0029	16
Nephtys ciliata	2	1.1234	6136
Nereimyra aphroditoides	3	0.0002	1
Nicomache quadrispinata	2	0.0003	2
Notomastus latericeus	5	0.0017	10
Paraonis gracilis	5	0.0002	1
Pectinaria hyperborea	2	0.0611	340
Pholoe minuta	61	0.0027	15
Praxillella praetermissa	6	0.0060	33
Prionospio steenstrupi	119	0.0184	102
Scalibregma inflatum	5	0.0008	3
Scoloplos armiger	21	0.0067	37
Sphaerodorum gracile	2	0.0001	1
Terebellides stroemi	18	0.0097	54
Tharyx acutus	63	0.0314	175
ARTHROPODA: Amphipoda			
Aceroides latipes (latipes)	6	0.0012	7
Ampelisca eschrichti	2	0.0145	83
Arrhis phyllonyx	2	0.0004	2
Boeckosimus brevicaudatus	2	0.0109	63
Byblis gaimardi	3	0.0091	53
Haploops laevis	8	0.0057	33

Table 141. Continued.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
ARTHROPODA: Cumacea			
Brachydiastylis resima	11	0.0003	2
Diastylis goodsiri	8	0.0017	10
Diastylis oxyrhyncha	3	0.0043	25
Diastylis scorpioides	2	0.0006	3
Diastylis rathkei	2	0.0004	2
Eudorella emarginata	5	0.0011	6
Leucon nasica	2	0.0007	4
ARTHROPODA: Isopoda			
Gnathia elongata	15	0.0035	20
ARTHROPODA: Ostracoda			
Cyprideis sorbyana	11	0.0003	2
Cythereis tuberculata	2	0.0001	0
ARTHROPODA: Tanaidacea			
Leptognathia sp.	3	0.0001	1
Pseudotanais macrocheles	2	0.0001	0
ASCHELMINTHES: Nematoda			
Nematodes	-	0.0016	9
COELENTERATA: Anthozoa			
Cerianthus sp.	2	0.0516	266
Edwardsia sp.	3	0.0107	55
COELENTERATA: Hydrozoa			
Hydrozoan	3	0.0055	28
ECHINODERMATA: Ophiuroidea			
Ophiocten sericeum	6	0.0066	39
MOLLUSCA: Gastropoda			
Alvania cruenta	11	0.0012	7
Cylichna alba	2	0.0178	85
Oenopota sp.	2	0.0004	2
Velutina undata	2	0.0032	17
MOLLUSCA: Pelecypoda			
Astarte borealis	2	0.1792	963
Astarte montagui	44	0.1894	994
Bathyarca glacialis	28	0.0325	177
Musculus discors	2	0.0005	3
Nuculana pernula	3	0.0591	324
Portlandia lenticula	12	0.0035	22
Thyasira gouldi	3	0.0016	8
Yoldia hyperborea (hyperborea)	2	0.0039	21

Table 141. Continued.

Species	No. m^{-2}	AFDW g m^{-2}	Cal. m^{-2}
NEMERTINA			
Nemertean	32	0.0235	125
SIPUNCULA			
Golfingia margaritacea	12	0.0025	13
Phascolion strombi	5	0.0396	212
TOTAL (75 spp.)		2.5235	13,796

Table 142. Density, ash-free dry weight (AFDW) and caloric value of benthic invertebrates, integrated from samples collected by grab (G) from stations 66-1052 to 1056, 11 Nov 1966; 67-0009, 23 Nov 1967; 69-1002, 8 Aug 1969; and by trawl (T) from station 69-1002, 9 Aug 1969. (Depth 40-53m)

Species	Gear		No. 100 m^{-2}	AFDW g 100 m^{-2}	k cal 100 m^{-2}
ANNELIDA: Hirudinea					
Leech	G	T	169	15.0200	83.33
ANNELIDA: Polychaeta					
Aglaophamus malmgreni	G	T	2554	19.2667	107.13
Ammotrypane cylindricaudatus	G		663	0.0433	0.23
Amphicteis gunneri		T	-	-	-
Amphitrite groenlandica		T	-	-	-
Antinoella badia		T	0.51	0.0140	0.88
Apistobranchus tullbergi	G		51	0.0067	0.03
Aricidea jeffreysi	G		1326	0.0200	0.13
Aricidea suecica	G		1599	0.3033	0.43
Brada villosa	G	T	171	1.8367	10.20
Branchiomma infarcta		T	-	-	-
Capitella capitata	G		51	0.0033	0.03
Chaetozone setosa	G		6756	2.7633	14.80
Chaetozone sp.	G	T	289	0.0333	0.23
Chone sp.		T	-	-	-
Cossura longocirrata	G		1938	0.0333	0.20
Diplocirrus longisetosus		T	-	-	-
Ephesiella biserialis	G		102	0.0067	0.03
Ephesiella minuta	G		85	0.0033	0.02
Eteone flava	G		51	0.0067	0.03
Eteone longa	G		153	0.1133	0.63
Euchone analis		T	-	-	-
Euchone papillosa	G	T	1065	0.9367	5.20
Eumida sp.	G		51	0.0033	0.02
Exogone naidina	G		102	0.0033	0.02
Flabelligera affinis		T	-	-	-
Glyphanostomum pallescens	G		51	0.0133	0.07
Harmothoe imbricata		T	-	-	-
Harmothoe nodosa		T	-	-	-
Heteromastus sp.	G		1122	0.1233	0.70
Laonice cirrata	G	T	570	6.0400	33.57
Laphania boecki	G		85	0.1233	0.67
Leaena abranchiata		T	-	-	-
Leiochone borealis	G		85	0.0133	0.07
Leiochone polaris	G		1428	0.1933	1.07
Lumbrineris fragilis		T	-	-	-
Lumbrineris minuta	G	T	7592	4.3833	24.93
Lysippe labiata	G	T	798	0.5067	2.80
Maldane sarsi	G	T	2279	14.3567	79.70
Melaenis loveni		T	-	-	-
Melinna cristata		T	-	-	-
Micronephthys minuta	G		510	0.0333	0.20

Table 142. Continued.

Species	Gear	No. 100 m^{-2}	AFDW g 100 m^{-2}	k cal 100 m^{-2}
ANNELIDA: Polychaeta				
Myriochele heeri	G T	1282	0.3022	4.93
Nephtys ciliata	G	136	68.5500	374.43
Nephtys paradoxa	T	0.09	0.0340	0.22
Nereimyra aphroditoides	G	102	0.0067	0.03
Nicomache lumbricalis	T	-	-	-
Nicomache quadrispinata	G	134	0.0333	0.20
Notomastus latericeus	G	236	0.9233	5.17
Onuphis conchylega	T	-	-	-
Paraonis gracilis	G	153	0.0067	0.03
Pectinaria hyperborea	G	222	12.5600	69.87
Pholoe minuta	G	2211	0.1267	1.30
Phyllodoce groenlandica	T	-	-	-
Pista maculata	T	-	-	-
Polyphysia crassa	G T	333	27.0300	150.33
Potamilla neglecta	T	-	-	-
Praxillella praetermissa	G T	2591	4.2567	23.67
Prionospio steenstrupi	G T	4478	0.7033	3.90
Scalibregma inflatum	G	236	0.0733	0.37
Scoloplos armiger	G T	1137	0.3933	2.17
Sphaerodorum gracile	G	51	0.0033	0.03
Spiochaetopterus typicus	G T	-	-	-
Spirorbis sp.	T	-	-	-
Terebellides stroemi	G	862	0.4833	2.70
Tharyx acutus	G	2772	1.3900	7.73
ARTHROPODA: Amphipoda				
Acanthostepheia malmgreni	T	0.13	0.0040	0.02
Aceroides latipes (latipes)	G	545	0.2100	1.20
Ampelisca eschrichti	G	51	0.4833	2.77
Arrhis phyllonyx	G	51	0.0133	0.07
Boeckosimus brevicaudatus	G	51	0.3633	2.10
Byblis gaimardi	G	102	0.3033	1.77
Haploops laevis	G	4146	18.4833	106.50
Nototropis smitti	T	0.62	0.0220	0.12
Onisimus affinis	G	768	1.9533	11.27
Stegocephalus inflatus	T	0.49	0.0580	0.36
ARTHROPODA: Cirripedia				
Balanus balanus	T	-	-	-
Balanus crenatus	T	427	0.5733	3.13
ARTHROPODA: Cumacea				
Brachydiastylis resima	G	528	0.0200	0.13
Diastylis goodsiri	G T	825	3.1467	14.43
Diastylis oxyrhyncha	G T	102	0.1433	0.83
Diastylis rathkei	G	305	0.5567	3.17
Diastylis scorpioides	G	307	0.0667	0.37
Diastylis sp.	G	-	-	-

Table 142. Continued.

Species	Gear	No. 100 m^{-2}	AFDW g 100 m^{-2}	k cal 100 m^{-2}
ARTHROPODA: Cumacea				
Eudorella emarginata	G	409	0.1000	0.57
Leptostylis longimana	G	85	0.0100	0.07
Leucon nasica	G	51	0.0233	0.13
ARTHROPODA: Decapoda				
Argis dentata	T	0.66	0.6400	2.91
Eualus gaimardi belcheri	T	0.30	0.0120	0.07
Sabinea septemcarinata	T	10	1.9820	10.93
Spirontocaris spinus	T	0.10	0.0260	0.15
ARTHROPODA: Isopoda				
Gnathia elongata	G T	766	0.1700	0.93
Munnopsis typica	T	-	0.0220	0.11
ARTHROPODA: Ostracoda				
Cyprideis sorbyana	G	528	0.0200	0.13
Cythereis tuberculata	G	136	0.0100	0.03
Ostracod	G	83	0.0067	0.03
ARTHROPODA: Pycnogonida				
Boreonymphon abyssorum	T	-	-	-
Boreonymphon ossiansarsi	T	-	-	-
Boreonymphon robustum	T	-	-	-
Nymphon hirtipes	T	-	-	-
Nymphon longitarse	T	-	-	-
Nymphon sluiteri	T	-	-	-
Pseudopalene brevicolis	T	-	-	-
Pycnogonids (all)	T	-	0.2860	1.46
ARTHROPODA: Tanaidacea				
Leptognathia sp.	G	102	0.0033	0.03
Pseudotanais macrocheles	G	51	0.0033	0.03
ASCHELMINTHES: Nematoda				
Nematodes	G	-	0.1600	0.90
BRACHIOPODA				
Hemithyris psittacea	T	0.01	0.0000	0.00
CHORDATA: Ascidiacea				
Ciona intestinalis	T	0.01	0.0040	0.01
Molgula griffithsi	T	-	-	-
Rhizomolgula globularis	G	83	0.0467	0.20

Table 142. Continued.

Species	Gear	No. 100 m^{-2}	AFDW g 100 m^{-2}	k cal 100 m^{-2}
COELENTERATA: Anthozoa				
Allantactis parasitica	T	1.33	2.9160	15.02
Cerianthus sp.	G	301	3.8733	19.97
Edwardsia sp.	G T	185	1.3333	6.87
Gersemia rubiformis	T	-	-	-
Anthozoan	T	0.01	0.0180	0.09
COELENTERATA: Hydrozoa				
Hydrozoan	G	102	0.1833	0.93
ECHINODERMATA: Asteroidea				
Pontaster tenuispinus	T	0.03	0.0240	0.14
Poraniomorpha tumida	T	0.09	0.0520	0.30
Urasterias lincki	T	2.82	8.7300	47.51
ECHINODERMATA: Crinoidea				
Heliometra glacialis	T	0.05	0.1120	0.56
ECHINODERMATA: Echinoidea				
Strongylocentrotus droebachiensis	T	0.20	0.0940	0.53
ECHINODERMATA: Holothuroidea				
Cucumaria frondosa	T	0.15	0.3920	2.23
Myriotrochus rinki	G T	425	39.0567	187.90
Psolus phantapus	T	0.01	0.0500	0.18
ECHINODERMATA: Ophiuroidea				
Ophiocten sericeum	G T	3607	4.4667	26.43
Ophiopleura borealis	T	1.01	0.8200	4.47
ECTOPROCTA				
Alcyonidium gelatinosum	G	83	0.0900	0.37
MOLLUSCA: Aplacophora				
Solenogaster	T	-	-	-
MOLLUSCA: Cephalopoda				
Rossia molleri	T	0.05	0.0260	0.15
MOLLUSCA: Gastropoda				
Admete couthouyi	T	-	-	-
Alvania cruenta	G	698	0.1167	0.67
Buccinum hydrophanum	T	0.18	0.0440	0.26
Buccinum scalariforme	T	0.14	0.0540	0.31
Colus pubescens	T	0.09	0.1180	0.65
Colus togatus	G T	85	15.4933	89.70
Cylichna alba	G T	51	0.5933	2.83
Cylichna magna	G	683	0.3667	2.03
Cylichna occulta	T	-	-	-

Table 142. Continued.

Species	Gear	No. 100 m^{-2}	AFDW g 100 m^{-2}	k cal 100 m^{-2}
MOLLUSCA: Gastropoda				
Lepeta caeca	T	-	-	-
Lunatia pallida	G T	85	0.3367	1.87
Margarites costalis	T	0.83	0.1033	0.36
Oenopota incisula	G	85	0.0333	0.20
Oenopota turricula	T	-	-	-
Oenopota sp.	G	51	0.0133	0.07
Philine finmarchica	G T	83	0.6067	3.37
Retusa obtusa	G	85	0.0067	0.03
Trichotropis borealis	G T	171	3.2867	18.23
Velutina undata	G T	51	0.1067	0.57
Velutina velutina	T	0.04	0.0040	0.01
MOLLUSCA: Pelecypoda				
Astarte borealis	G T	220	33.8333	181.70
Astarte crenata	T	0.22	0.0133	0.04
Astarte montagui	G T	2745	21.5767	113.23
Bathyarca glacialis	G T	1422	10.8067	59.00
Cuspidaria obesa	T	-	-	-
Dacrydium vitreum	T	-	-	-
Hiatella arctica	T	0.02	0.0008	0.00
Macoma moesta	G T	341	8.4700	45.80
Musculus discors	G T	51	0.0167	0.10
Musculus niger	T	0.13	0.0280	0.15
Nucula belloti	G	849	4.3733	25.73
Nuculana pernula	G T	527	21.5167	118.03
Pecten groenlandicus	T	0.32	0.0040	0.00
Portlandia arctica	G T	85	0.2267	1.23
Portlandia fraterna	G	1707	0.4100	2.23
Portlandia frigida	G	1024	0.2467	1.37
Portlandia lenticula	G T	1176	0.5067	2.87
Thyasira gouldi	G T	1378	0.3600	1.90
Yoldia hyperborea	G	51	0.1300	0.70
NEMERTINA				
Nemertean	G	1494	1.9767	10.53
Nemertean	G T	85	47.9133	255.13
PLATYHELMINTHES				
Turbellarian	T	-	-	-
PORIFERA				
Tetilla sibirica	T	0.17	0.1320	0.73
SIPUNCULA				
Golfingia margaritacea	G	408	0.0833	0.43
Phascolion strombi	G T	1431	8.7333	46.87
Total (174 sps.)			457.8845	2483.94

Table 143. Benthic invertebrates collected by trawl from station 65-1047, 27 Aug 1965; 66-0004, 3-25 Aug 1966; 67-1109, 18 Aug 1967 and by dredge from station 69-1004, 11 Aug 1969, not found in quantitative samples from the same area. (* taken only at 5m depth; others at 50-53m)

Species
ANNELIDA: Polychaeta
Amphitrite cirrata
Antinoella sarsi
Axiothella catenata
Chone infundibuliformis *
Cirratulus cirratus
Gattyana cirrosa *
Harmothoe extenuata
Laonome kroyeri *
Nereis zonata
Nicolea venustula
Paranaitis wahlbergi
Pectinaria granulata *
Polydora caeca
Sabellides borealis
Sabellides oculata *
Spirorbis corrugatus? *
ARTHROPODA: Amphipoda
Acanthonotozoma cristatum
Acanthonotozoma inflatum
Anonyx debruyni
Anonyx nugax
Atylus smitti
Boeckosimus edwardsi
Gammarus wilkitzkii
Haploops tubicola
Hippomedon propinquus
Ischyrocerus sp.
Lepidecreum umbo
Paramphithoe hystrix
Socarnes bidenticulatus
ARTHROPODA: Cumacea
Diastylis glabra
Diastylis spinulosa
Diastylis sp. *
ARTHROPODA: Decapoda
Lebbeus polaris
Spirontocaris phippsi
ARTHROPODA: Isopoda
Munnopsis typica
ARTHROPODA: Tanaidacea
Typhlotanais finmarchicus *
ECHINODERMATA: Asteroidea
Leptasterias groenlandica
ECHINODERMATA: Holothuroidea
Psolus fabricii
MOLLUSCA: Gastropoda
Boreotrophon pacificus
Buccinum polare
Capulacmaea radiata
Colus islandicus
Natica clausa
Neptunea despecta
Onchidoris bilamellata
Philine lima
MOLLUSCA: Pelecypoda
Axinopsida orbiculata *
Musculus corrugatus
Serripes groenlandicus